

USAFETAC/DS--92/283



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for

NELLIS AFB, NEVADA

Prepared by

OL-A, USAFETAC ASHEVILLE, NORTH CAROLINA 28801-2723

MAY 1992

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USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER
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- 11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSNO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS). EXISTING RUSSNOS AND LISOCS WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
- 13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
- 14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, NELLIS AFB, NEVADA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISCCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISCCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER PORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SPCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISCCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COM-PUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MIL-ITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SUR-FACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-B). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

BOURLY DATA: OCT 81 - SEP 91 (AIRWAYS).

SURMARY OF DAY DATA: MAR 42 - SEP 44, JAN 49 - SEP 91 (FULL TIME).

HOURS SUPPLARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "BOURLY OBSERVATIONS" AND/ OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEPINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

- BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.
- BOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.
- SUPPARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING BOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUPPARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUPPARIES.
- MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.
- MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.
- MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.
- PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUM-BER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE POLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

| 0000-0200 | 1200-1400 |
|-----------|-----------|
| 0300-0500 | 1500-1700 |
| 0600-0800 | 1800-2000 |
| 0900-1100 | 2100-2300 |

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

| MT | AMOUNT | LT | LESS THAN |
|------|--------------------------|--------|------------------------------|
| ANN | ANNUAL | M | METER |
| BARO | BAROMETER | MB | MILLIBAR |
| C | CENTIGRADE (CELSIUS) | MPS | METERS PER SECOND |
| DEG | DEGREE | MSL | MRAN SEA LEVEL |
| DB | DRY BULB TEMPERATURE | MEAS | MEASURABLE |
| DP | DEW POINT TEMPERATURE | NO. | NUMBER |
| EQ | BQUAL | OBS | OBSERVATION |
| F | PAHRENHEIT | OBST | OBSTRUCTION |
| FRZG | PREEZING | POF | PERCENT OCCURRENCE FREQUENCY |
| FI | PBET | PRECIP | PRECIPITATION |
| GE . | GREATER THAN OR EQUAL TO | SD | STANDARD DEVIATION |
| GHT. | GREENWICH MEAN TIME | SOD | SUMMARY OF DAY |
| GT | Greater Than | TRIP | TEMPERATURE |
| EIG | INCHES OF MERCURY | TSTM | THUNDERSTORM |
| ar. | HEICHT | VSBY | VISIBILITY |
| KT8 | RNOTS | VSN | VISION |
| LE | LESS THAN OR EQUAL TO | WB | WET BULB TEMPERATURE |
| LST | LOCAL STANDARD TIME | WBAN | AWS FORM 10/10A |
| | | UTC | *COORDINATED UNIVERSAL TIME |

SUPPLARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLINATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION BISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

^{*} UTC REPLACED ONT ON 1 AUGUST 1988

| | ON NO. | STATION NAME | | | LA | ritude | L | ONGITUDE | FLD ELEV | (FT |) CALL | SIGN | WMO | MBR |
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| | | ST | ATION LOCA | rion i | AND : | INSTRUM | ENT | ATION HIST | ORY | | | | | |
| m br | | ******** | Туре | At ! | This | Locati | on | | | B1 | | Elev Above MSL | | OB |
| of oc | GEOGRAI | PHICAL LOCATION & NAME | of Station | Fr | | To | | LATITUDE | LONGITU | ЮB | FLD (FT) | 1 | | PE DA |
| 1 | Las Vega | IS AAP, NV | AAF | Mar | 42 | Sep 4 | 4 | N 36 15 | W 115 (|)2 | 1866 | 186 | 9 | 24 |
| 2 | Las Vega Nellis A | IS AFB, NV AFR. NV | AFB Same | Jan Jun | | May 5 Feb 5 | | Same | Same Same | | Same Same | 189 186 | | 24 24 |
| 4 | Same | , | Same | Mar | 53 | Oct 6 | 3 | Same | Same | | Same | 188 | 1 | 24 |
| 5 6 | Same Same | | Same Same | Nov Dec | | Dec 7 | | Same N 36 14 | Same Same | | 1868 Same | Sam | | 24 24 |
| 7 8 | Same Same | | Same Same | Dec | | Aug 8 Jan 8 | | Same Same | Same Same | | 1869 Same | Sam 188 | | 24 24 |
| • | | | State | Aug | 01 | l can e | • | Same | Same | | Same | 100 | 4 | " |
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| Rubr | Date of | SURPACE WIND | EOU I PMENT | INFO | RMAT | 1 ION | | | | I | | | | |
| of | Change | | | | | | | | | | EMARKS, A | | | _ |
| Loc | | LOCATION | | | | PE OF SMITTER | . : | TYPE OF RECORDER | GROUND | 141 | ENT, OR F | CEASON | FOR (| CHANG |
| 1 | Max 42 | Atop temporary BaseO | ps bldg | ; | Sels | yn | | ML-144 | N/A | | | | | |
| 2 3 | Jan 49 Mar 54 | Atop weather station Atop small bldg 30'W | of was et | | AN/G Same | _ | | MIL-204 Same | 30 ft 20 ft | | | | | |
| 4 | Apr 55 | Atop Bldg T-805 | JI WEG BU | - 1 | Same | | | Same | 36 ft | | | | | |
| 5 6 | Mar 59 Jun 60 | Same Parallel to rwy 02/20 |) at S and | | Same AN/G | MQ-11 | | Same RO-2 | 30 ft Surface | | | | | |
| 7 | Mar 69 | 1.500'fm ctr rwy 03R | | | Same | - | | Same | 10 ft | | | | | |
| | | end 2.500'fm ctr rwy 21L | ,1450' fm | | Same | | | | 13 ft | | | | | |
| 8 | Jul 70 | end 1.Same | | | AN/G | 4Q-20 | | RO-362 | 10 ft | | | | | |
| | | 2375'fm ctr rwy 21L, | 1450' fm | | Same | • | | | 13 ft | | | | | |
| 9 | Jan 89 | 1.5ame | | ; | Same | | | Same | 18 ft | | | | | |
| | | 2.Sani | | | Same | | | | 18 ft | | | | | |
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| PP | PP | AA | λλ | RR | RR | TT | AA | ጸጸ | |
| PP | PP | AA | λλ | RR | RR | TT | AA | AA | |
| PPPPP | PPPP | AA | λλ | RRRR | RRRRR | TT | AA | AA | |
| PPPPP | PPP | AAAA | LAAAAA | RRRR | RRRR | TT | AAAAA | ААААА | |
| PP | | AAAA | AAAAA | RR | RR | TT | **** | ААААА | |
| PP | | AA | λλ | RR | RR | TT | AA | AA | |
| PP | | AA | λλ | RR | RR | TT | AA | AA | |
| PP | | AA | λA | RR | RR | TT | AA | AA | |

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT PREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

PROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SHOW: ALL REPORTS OF BLOWING SHOW, INCLUDING DRIFTING SHOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA -- PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

A - 1 - 2

- SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).
 THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY
 DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.
- THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.
 THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON
 THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.
- SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.
 THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WRATHER STATION.
- NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STATED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALMAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFFTAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE ORSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.
- NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.
- MOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.
- NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JAN HOURS TSTMS LIQUID FREEZ FROZEN HAIL ALL FOG SMOKE BLOWING DUST ALL TOTAL PRECIP &/OR (LST) &/OR ORST PRECIP PRECIP PRECIP SNOW NO. OF HAZE SAND TO VSN OBS 00-02 2.8 .3 3.1 3.1 930 03-05 3.2 3.1 . 1 .6 3.9 930 06-08 3.7 3.7 1.5 .1 930 5.3 09-11 3.4 1.6 .5 5.6 930 12-14 2.9 2.9 1.0 3.9 930 15-17 2.8 2.8 1.2 930 4.0 18-20 1.9 1.9 .3 2.3 930 21-23 2.4 .1 2.5 930 ALL HOURS 2.9 3.8 .1 2.9 .8 .1 7440 MONTH: FEB 00-02 3.2 3.2 .4 3.5 846 03-05 3.0 3.5 .6 .1 3.7 846 06-08 3.1 .7 3.8 3.9 846 09-11 2.6 .2 2.8 .6 .1 3.5 846 12-14 2.8 .4 3.2 .6 4.1 846 15-17 2.2 .2 2.5 .4 . 2 3.1 846 18-20 3.2 .5 3.7 .2 4.1 846 21-23 2.4 .1 2.5 .1 . 2 2.8 846 ALT. BOURS .1 2.8 .3 3.1 .3 .0 3.6 6768

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAR TSTMS LIQUID FREEZ PROZEN HAIL ALL POG SHOKE BLOWING DUST ALL TOTAL £/OR (LST) OBST PRECIP PRECIP PRECIP PRECIP SNOW s/OR NO. OF HAZE SAND TO VSN OBS 00-02 2.2 2.2 2.2 930 03-05 2.7 2.7 2.7 930 06-08 3.1 1.0 4.1 930 3.1 09-11 2.9 1.1 4.3 .3 930 .2 12-14 1.9 1.9 .6 .4 3.0 930 15-17 .2 2.5 2.5 .2 .6 3.3 930 18-20 .4 2.4 2.4 .3 2.9 .2 930 21-23 1.9 2.0 930 1.9 .1 ALL 2.4 HOURS .1 2.4 .4 .2 3.1 7440 MONTH: APR 00-02 .9 .9 .9 900 03-05 1.6 1.6 .2 1.9 .1 900 06-08 1.6 1.6 .3 2.1 900 09-11 1.9 1.9 1.9 900 12-14 .7 2.4 2.4 2.4 900 15-17 .8 2.3 .1 2.4 .2 2.7 900 18-20 .2 1.1 1.1 1.6 900 .4 21-23 .2 1.0 1.0 1.1 900 ALT. .1 1.8 HOURS .2 1.6 .1 .0 1.6 7200

OPERATING LOCATION 'A'

PERCENTAGE PREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENCHENA

USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAY HOURS TSTMS LIQUID FREEZ PROZEN HAIL ALL FOG SMOKE BLOWING DUST ALL TOTAL (LST) PRECIP PRECIP PRECIP &/OR &/OR OBST PRECIP SNOW NO. OF SAND TO VSN HAZE OBS 00-02 .1 1.0 1.0 .1 1.1 930 03-05 1.4 1.4 1.4 930 06-08 1.5 1.5 .1 1.6 930 09-11 .1 1.4 1.4 1.4 930 12-14 .6 1.7 .3 2.0 1.7 930 15-17 1.4 1.2 .3 1.5 930 18-20 1.0 .9 .1 1.0 930 21-23 .6 930 ALL BOURS 1.2 1.3 7440 MONTH: JUN 00-02 .4 .4 .4 900 03-05 .1 .1 .1 900 06-08 .1 .3 .3 .3 900 .3 09-11 .1 .4 900 .3 .1 12-14 .3 .6 .6 .6 900 15-17 .3 .9 900 .4 18-20 1.2 1.0 1.0 1.0 900 21-23 1.3 1.3 1.3 .1 1.4 900 ALL HOURS .6 .7 7200

OPERATING LOCATION "A" USAPETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL

| STATIO | A WANTER | /23603 | LST TO | UTC: + | | NEB/LAS V | EGN2 N | • | MONTH: | JUL JUL | w: oci e | 1 - SEF 91 |
|----------------|----------|------------------|-----------------|--------|---------------|---------------|--------|-----------------------|-------------------|----------------------|-----------------------|------------------------|
| BOURS (LST) | TSTMS | LIQUID PRECIP | PREEZ PRECIP | | HAIL | ALL PRECIP | FOG | SMORE &/OR HAZE | BLOWING SNOW | Dust &/OR Sand | ALL OBST TO VSN | TOTAL NO. OF OBS |
| 00-02 | .4 | 1.1 | | ••••• | • • • • • • • | 1.1 | ••••• | • • • • • • • | • • • • • • • • • | .3 | 1.4 | 930 |
| 03-05 | .1 | 1.3 | | | | 1.3 | | | | | 1.3 | 930 |
| 06-08 | .5 | 1.6 | | | | 1.6 | | | | | 1.6 | 930 |
| 09-11 | .6 | .4 | | | | .4 | | | | | .4 | 930 |
| 12-14 | 2.0 | 2.0 | | | | 2.0 | | | | .1 | 2.2 | 930 |
| 15-17 | 1.1 | 1.8 | | | | 1.8 | .1 | | | .1 | 2.0 | 930 |
| 18-20 | 1.7 | 1.2 | | | | 1.2 | | | | .2 | 1.4 | 930 |
| 21-23 | 2.3 | 2.4 | | | | 2.4 | | | | .4 | 2.8 | 930 |
| ALL HOURS | 1.1 | 1.5 | | | ••••• | 1.5 | .0 | • • • • • • • | | .1 | 1.6 | 7440 |
| | | | | | | | | | HONTH: | AUG | | |
| 00-02 | 1.4 | 1.7 | | | | 1.7 | | | | .1 | 1.8 | 930 |
| 03-05 | 1.7 | 2.5 | | | | 2.5 | | | | | 2.5 | 930 |
| 06-08 | .4 | 1.6 | | | | 1.6 | | | | | 1.6 | 930 |
| 09-11 | .3 | 1.7 | | | | 1.7 | .1 | | | | 1.8 | 930 |
| 12-14 | 1.3 | 2.2 | | | | 2.2 | .2 | | | | 2.4 | 930 |
| 15-17 | .9 | 1.9 | | | | 1.9 | .3 | | | .1 | 2.4 | 930 |
| 18-20 | 2.3 | 2.6 | | | | 2.6 | .2 | | | | 2.8 | 930 |
| 21-23 | 1.3 | 2.0 | | | | 2.0 | | | | .2 | 2.3 | 930 |
| ALL BOURS | 1.2 | 2.0 | | ••••• | | 2.0 | .1 | | | .1 | 2.2 | 7440 |

OPERATING LOCATION "A" USAPETAC, ASHEVILLE NC PERCENTAGE PREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | | LST TO | UTC: + | 8 | AFB/LAS V | | | MONTH: | SEP | | 1 - SEP 91 |
|--------------|-------|-----------------|--------|--------|-------|---------------|------|---|---------------------|----------------------|-----------------------|------------------------|
| HOURS (LST) | TSTAS | | Precip | PRECIP | HAIL | ALL PRECIP | FOG | SMOKE &/OR HAZE | BLOWING | Dust E/Or Sand | ALL OBST TO VSN | TOTAL NO. OF OBS |
| 00-02 | | .6 | | ••••• | ••••• | .6 | •••• | • • • • • • • • | • • • • • • • • • • | • • • • • • • | .6 | 900 |
| 03-05 | .2 | 1.1 | | | | 1.1 | | | | | 1.1 | 900 |
| 06-08 | .1 | .7 | | | | .7 | | | | | .7 | 900 |
| 09-11 | .3 | 1.2 | | | | 1.2 | | | | | 1.2 | 900 |
| 12-14 | 1.2 | 1.4 | | | | 1.4 | | | | .1 | 1.6 | 900 |
| 15-17 | 1.9 | 1.6 | | | | 1.6 | | .2 | | | 1.8 | 898 |
| 18-20 | .4 | 1.4 | | | | 1.4 | | | | .2 | 1.7 | 897 |
| 21-23 | .4 | .9 | | | | .9 | | | | | .9 | 897 |
| ALL Hours | .6 | 1.1 | ••••• | ••••• | ••••• | 1.1 | •••• | .0 | •••••• | .0 | 1.2 | 7192 |
| ••••• | | • • • • • • • • | | ••••• | ••••• | | •••• | • • • • • • • | MONTH: | oct | | ••••• |
| 00-02 | .2 | 1.3 | | | | 1.3 | | | | | 1.3 | 930 |
| 0305 | | 1.6 | | | | 1.6 | | | | | 1.6 | 930 |
| 06-08 | | .9 | | | | .9 | .2 | | | | 1.1 | 930 |
| 09-11 | .1 | 1.4 | | | | 1.4 | | | | | 1.4 | 930 |
| 12-14 | .2 | 1.9 | | | | 1.9 | | | | .3 | 2.3 | 930 |
| 15-17 | .6 | 1.6 | | | | 1.6 | .3 | | | .1 | 2.0 | 930 |
| 18-20 | .2 | .9 | | | | .9 | .1 | | | | 1.0 | 930 |
| 21-23 | | .3 | | | | .3 | | | | .1 | .4 | 930 |
| ALL BOURS | .2 | 1.2 | ••••• | ••••• | ••••• | 1.2 | .1 | • | •••••• | .1 | 1.4 | 7440 |

OPERATING LOCATION "A"
USAFETAC, ASSEVILLE NC

21-23

ALL HOURS 2.2

2.6

.0

PERCENTAGE FREQUENCY OF BOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: NOV BOURS TSIMS LIQUID FREEZ FROZEN HAIL ALL FOG SMOKE BLOWING DUST ALL TOTAL (LST) PRECIP PRECIP PRECIP PRECIP &/OR SNOW £/OR OBST NO. OF HAZE SAND TO VSM OBS 00-02 .1 1.4 1.4 .2 .3 2.0 900 03-05 .2 2.6 2.6 .7 .2 3.4 900 05-08 1.8 1.8 1.0 2.8 900 09-11 1.9 1.9 .8 .3 3.0 900 12-14 .2 2.2 2.2 .6 2.8 900 15-17 1.6 .1 900 1.7 18-20 1.0 1.0 1.0 900 21-23 1.7 1.7 1.7 900 ALL BOURS 1.8 2.3 7200 MONTH: DRC 00-02 3.3 3.3 .5 3.9 930 03-05 3.0 3.0 .4 3.5 .1 930 06-08 2.7 2.7 2.0 .3 5.1 930 09-11 2.9 2.9 1.6 .2 4.7 930 12-14 2.7 1.1 .5 4.3 930 15-17 2.5 .1 2.6 .9 .2 3.7 930 18-20 .1 1.7 .3 2.0 .1 2.2 930

2.3

2.7

.1

.1

A - 2 - 6

.3

2.6

3.7

.2

930

7440

OPERATING LOCATION "A" USAFETAC, ASSEVILLE NC

PERCENTAGE PREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION MAMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | | LST TO | UTC: + | В | HOURS: ALL | | | | | | |
|--------|-------|------------------|-----------------|------------------|-------|---------------|-----|-----------------------|-----------------|----------------------|-----------------------|------------------------|
| HONTE | TSIMS | LIQUID PRECIP | FREEZ PRECIP | PROZEN PRECIP | BAIL | ALL PRECIP | FOG | SMORE &/OR HAZE | BLOWING SNOW | Dust &/Or Sand | ALL OBST TO VSN | TOTAL NO. OF OBS |
| JAN | | 2.9 | ******* | .1 | ••••• | 2.9 | .8 | .1 | •••••• | ••••• | 3.8 | 7440 |
| 753 | .1 | 2.8 | | .3 | | 3.1 | .3 | .0 | | .1 | 3.6 | 6768 |
| MAR | .1 | 2.4 | | | | 2.4 | .4 | | | .2 | 3.1 | 7440 |
| APR | .2 | 1.6 | | | .0 | 1.6 | .1 | | | .1 | 1.8 | 7200 |
| MAY | .5 | 1.2 | | | | 1.2 | | | | .1 | 1.3 | 7440 |
| JUR | .5 | .6 | | | | .6 | | | | .1 | .7 | 7200 |
| JUL. | 1.1 | 1.5 | | | | 1.5 | .0 | | | .1 | 1.6 | 7440 |
| AUG | 1.2 | 2.0 | | | | 2.0 | .1 | | | .1 | 2.2 | 7440 |
| SEP | .6 | 1.1 | | | | 1.1 | | .0 | | .0 | 1.2 | 7192 |
| OCT | .2 | 1.2 | | | | 1.2 | .1 | | | .1 | 1.4 | 7440 |
| MOA | .1 | 1.8 | | | | 1.8 | .3 | | | .2 | 2.3 | 7200 |
| DBC | .0 | 2.6 | | .1 | | 2.7 | .9 | | | .2 | 3.7 | 7440 |
| AMMUAL | .4 | 1.8 | | .0 | .0 | 1.8 | .2 | .0 | | .1 | 2.2 | 87640 |

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITE VARIOUS ATMOSPHERIC PHENOMENA FROM SUPPLARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL BOURS: ALL

| | | | 100 | | | | | | route. And | LOUIS. | | |
|-------|-------|------------------|-----------------|------------------|------|---------------|-----|-----------------------|-----------------------|----------------------|-----------------------|------------------------|
| HOWTH | TSIMS | Liquid Precip | PREEZ PRECIP | PROZEN PRECIP | HAIL | ALL PRBCIP | FOG | SMOKE 4/OR BAZE | BLOWING SNOW | Dust &/Or Sand | ALL OBST TO VSN | TOTAL NO. OF OBS |
| JAH | .1 | 15.2 | • • • • • • • • | 2.3 | .1 | 16.5 | 3.1 | .3 | • • • • • • • • • • • | .6 | 17.7 | 1336 |
| PEB | 1.0 | 15.7 | | 1.6 | .2 | 16.4 | 2.1 | | | .7 | 17.4 | 1220 |
| MAR | 1.6 | 18.6 | | .5 | .4 | 18.7 | 1.7 | .3 | | 1.3 | 19.7 | 1342 |
| APR | 2.0 | 12.7 | | .2 | .2 | 12.7 | .6 | .1 | | 1.0 | 13.4 | 1300 |
| MAT | 3.6 | 10.9 | | | .1 | 10.9 | .1 | .4 | | .4 | 11.4 | 1338 |
| JUN | 4.1 | 7.3 | | | .2 | 7.3 | | .1 | | .8 | 7.8 | 1291 |
| JUL | 11.6 | 16.2 | | | .4 | 16.2 | .2 | .1 | | 1.6 | 17.0 | 1338 |
| AUG | 12.3 | 17.6 | | | .3 | 17.6 | .2 | .1 | | 1.0 | 18.3 | 1345 |
| SEP | 6.0 | 12.3 | | | .1 | 12.3 | .2 | .1 | | .4 | 12.6 | 1291 |
| OCT | 2.4 | 10.6 | | .1 | | 10.6 | .4 | .1 | | .8 | 11.2 | 1308 |
| NOA | 1.0 | 10.8 | | .6 | | 10.8 | 1.5 | | | .5 | 11.7 | 1261 |
| DEC | .3 | 13.5 | | 1.2 | | 13.8 | 3.1 | .5 | | .5 | 14.7 | 1302 |
| AMUAL | 3.9 | 13.5 | | .5 | .2 | 13.7 | 1.1 | .2 | | .8 | 14.4 | 15672 |

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS FROM HOURLY OBSERVATIONS

STATION WARRER: 723865 STATION NAME: HELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 BOURS JAN PEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC (LST) 00-02 .1 .4 .4 1.4 .2 .1 .1 1.7 03-05 .1 .2 .2 06-08 .5 .4 .1 .1 .1 .1 09-11 .6 .3 .3 .1 12-14 .1 .7 .6 .3 2.0 1.3 1.2 .2 .2 15-17 .2 .2 .8 1.4 .3 1.1 .9 1.9 .6 .2 18-20 .1 .4 .2 1.0 1.2 1.7 2.3 .4 .2 .1 .6 .2 21-23 .2 1.3 2.3 1.3 .4 .5 BOURS .5 .6 .2 .2 .1 1.1 1.2 .1 .0 TOTAL OBS 7440 6768 7440 7200 7440 7200 7440 7440 7192 7440 7200 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JAN HOURS: ALL PRENCHENA CALM VARIABLE 360 - 050 120 - 210 260 - 349 TSIMS LIQUID 31.2 29.3 28.4 11.2 215 PRECIP FREEZING PREC1P PROZEN 50.0 50.0 PRECIP 27.1 35.6 30.5 59 FOG WITH VIS 27.1 35.6 30.5 6.8 CR 1/2 MILES TOTAL OBS | 3194 0 2419 1009 811 0 0 7433

MONTH: PEB HOURS: ALL TST145 100.0 33.5 30.4 LIQUID 23.0 13.1 191 PRECIP PREEZING PRECIP FROZEN 12.5 58.3 29.2 24 PRECIP FOG 40.0 50.0 5.0 5.0 20 POG WITH VIS 40.0 50.0 5.0 5.0 20 CE 1/2 MILES TOTAL 088 2373 0 2425 1188 776 0 0

USAFETAC, ASEEVILLE MC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: MAR HOURS: ALL LST TO UTC: + 8 PHENCHERA | CALM VARIABLE 360 - 050 120 - 210 260 - 349 NO OF OBS TST143 12.5 50.0 12.5 25.0 23.3 59.1 14.2 LIQUID 3.4 176 PRECIP PREEZING PRECIP PROZEN PRECIP 53.3 30.0 3.3 POG 13.3 30 FOG WITH VIS GE 1/2 HILES 12.0 64.0 24.0 25 TOTAL OBS | 1726 0 2179 2583 944 0 0 7432

| | | | | | MOI | TH: APR B | OURS: ALL | |
|------------------------------|------|---|------|------|------|-----------|-----------|------|
| 75745 | | | 29.4 | 41.2 | 29.4 | | | 17 |
| LIQUID PRECIP | 14.7 | | 18.3 | 53.2 | 13.8 | | | 109 |
| PREEZING PRECIP | | | | | | | | |
| PROZEN PRECIP | | | | | | | | |
| POG | 80.0 | | | 20.0 | | | | 5 |
| FOG WITH VIS GR 1/2 MILES | 80.0 | | | 20.0 | | | | 5 |
| TOTAL OBS | 1537 | 0 | 1968 | 2813 | 877 | 0 | 0 | 7195 |

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

| STATION NUMBER | R: 723865 | STATION NA | ME: NELLIS A | PB/LAS VEGAS | PERIOD OF RECO | RD: OCT 81 OURS: ALL | - SEP 91 | |
|------------------------------|-----------|------------|--------------|--------------|----------------|-------------------------|---------------------|-----------|
| PHENOMENA | CALM | VARIABLE | 360 - 050 | 120 - 210 | 260 - 349 | ••••• | • • • • • • • • • • | NO OF OBS |
| TSTMS | | ********** | 22.2 | 50.0 | 27.8 | ••••• | • • • • • • • • • • | 36 |
| PERCIP PERCIP | 24.1 | | 22.8 | 25.3 | 27.8 | | | 79 |
| Preezing Precip | | | | | | | | |
| Prozen Precip | | | | | | | | |
| FOG | | | | | | | | |
| FOG WITH VIS GE 1/2 MILES | | | | | | | | |
| TOTAL OBS | 1671 | 0 | 1434 | 3483 | 848 | 0 | 0 | 7436 |

| | | | | | MONTH: | JUN HOURS: | : ALL | |
|------------------------------|------|---|------|------|--------|------------|-------|------|
| TSTMS | 14.3 | | 62.9 | 5.7 | 17.1 | | • | 35 |
| LIQUID PRECIP | 4.5 | | 54.5 | 31.8 | 9.1 | | | 22 |
| Freezing Precip | | | | | | | | |
| PROZEN PRECIP | | | | | | | | |
| FOC | | | | | | | | |
| FOG WITH VIS GE 1/2 MILES | | | | | | | | |
| TOTAL OBS | 1734 | 0 | 1225 | 3639 | 600 | 0 | 0 | 7198 |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUL HOURS: ALL PHENCHENA | CALM VARIABLE 360 - 050 120 - 210 260 - 349 NO OF OBS NO OF OBS 28.9 TSTMS 10.8 32.5 27.7 83 20.0 43.1 24.6 LIQUID 12.3 65 PRECIP FREEZING PRECIP FROZEN PRECIP POG 100.0 1 POG WITH VIS GE 1/2 MILES TOTAL OBS | 1767 0 1111 3950 608 0 0 7436 MONTH: AUG HOURS: ALL

| TOTAL OBS | 2440 | 0 | 1240 | 3269 | 486 | 0 | 0 | 7435 |
|------------------------------|------|---|------|------|------|---|---|------|
| FOG WITH VIS GB 1/2 MILES | 37.5 | | 12.5 | 50.0 | | | | 8 |
| FOG | 37.5 | | 12.5 | 50.0 | | | | 8 |
| Prozen Precip | | | | | | | | |
| PREEZING PRECIP | | | | | | | | |
| LIQUID PRBCIP | 26.7 | | 22.9 | 39.0 | 11.4 | | | 105 |
| TSTMS | 7.9 | | 34.8 | 39.3 | 18.0 | | | 89 |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: SEP BOURS: ALL LST TO UTC: + 8 PHENOMENA | CALM VARIABLE 360 - 050 120 - 210 260 - 349 NO OF OBS TSTMS 9.5 23.8 47.6 19.0 42 12.5 50.0 19.6 T.TOUTD 17.9 56 PRECIP FREEZING PRECIP FROZEF PRECIP FOG WITH VIS CE 1/2 MILES TOTAL OBS | 2602 0 1446 2562 580 0 0 7190 MONTH: OCT HOURS: ALL 30.8 7.7 46.2 15.4 LIQUID 19.5 29.3 32.9 18.3 82 PRECIP FREEZING PRECIP PROZEN PRECIP 33.3 50.0 16.7 FOG WITH VIS 33.3 50.0 16.7 GE 1/2 MILES TOTAL OBS | 2991 0 2151 1704 594 0 0 7440

OPERATING LOCATION "A" USAPETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV HOURS: ALL

| PHENOMENA | CALH | VARIABLE | 360 - 050 | 120 - 210 | 260 - 349 | • | | NO OF OBS |
|------------------------------|------|----------|-----------|-----------|-----------|---|---|-----------|
| TSTAS | 11.1 | •••••• | 44.4 | 44.4 | •••• | ••••• | • | 9 |
| LIQUID PRECIP | 9.2 | | 28.3 | 53.3 | 9.2 | | | 120 |
| PREBZING PRECIP | | | | | | | | |
| PROZEN PRECIP | | | | | | • | | |
| FOG | 44.0 | | 4.0 | 40.0 | 12.0 | | | 25 |
| FOG WITH VIS GB 1/2 MILES | 42.9 | | 4.8 | 42.9 | 9.5 | | | 21 |
| TOTAL OBS | 2871 | 0 | 2065 | 1423 | 841 | 0 | 0 | 7200 |

| | | | | | но | NTH: DEC B | OURS: ኤ.L | |
|------------------------------|------|-----------------------|------|--------|------|------------|-------------------------|------|
| TSTMS | | • • • • • • • • • • • | 50.0 | •••••• | 50.0 | ••••• | • • • • • • • • • • • • | 2 |
| LIQUID PRECIP | 35.5 | | 34.0 | 18.3 | 12.2 | | | 197 |
| PREEZING PRECIP | | | | | | | | |
| PROZEN PRECIP | | | 40.0 | | 60.0 | | | 5 |
| POG | 60.0 | | 30.8 | 6.2 | 3.1 | | | 65 |
| POC WITH VIS CE 1/2 MILES | 56.1 | | 35.1 | 7.0 | 1.8 | | | 57 |
| TOTAL OBS | 3709 | 0 | 2080 | 776 | 875 | 0 | 0 | 7440 |

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTHS: ALL

| PHENOMENA | CALM | VARIABLE | 360 - 050 | 120 - 210 | 260 - 349 | •••••• | • • • • • • • • • | NO OF OBS |
|------------------------------|-------|------------|-----------|-----------|-----------|--------|-------------------|-----------|
| TSTAS | 9.2 | ********** | 34.6 | 34.3 | 21.9 | •••••• | • • • • • • • • • | 338 |
| LIQUID PRECIP | 20.9 | | 27.3 | 37.5 | 14.3 | | | 1417 |
| PREEZING PRECIP | | | | | | | | |
| PROZEN PRECIP | 15.2 | | 48.5 | 6.1 | 30.3 | | | 33 |
| FOG | 39.7 | | 32.9 | 21.9 | 5.5 | | | 219 |
| FOG WITH VIS GE 1/2 MILES | 38.3 | | 35.8 | 21.9 | 4.0 | | | 201 |
| TOTAL OBS | 28615 | 0 | 21743 | 28399 | 8840 | 0 | 0 | 87597 |

| PPPPP | PPP | AAAAA | | RRRR | RRRRRRR TITITITI | | BBBBBBBB | |
|-------|------|-------|---------------|-------|------------------|------------|----------|------|
| PPPPP | PPPP | AAAA | AAAA | RRRR | RRRRR | THEFT | BEBBBB | BBBB |
| PP | PP | λλ | AA | RR | RR | TT | BB | BB |
| PP | PP | λA | λλ | RR | ŔŔ | TT | BB | BB |
| PPPPP | PPPP | λλ | AA | RRRR | RRRRR | TT | BEBBBB | BBBB |
| PPPPP | PPP | AAAAA | AAAAA | RRRRI | RRRR | TT | BBBBBB | BBBB |
| PP | | AAAAA | AAAAA | RR | RR | TT | BB | BB |
| PP | | λA | λλ | RR | RR | TT | BB | BB |
| PP | | እእ | AA AA RR RR T | | TT | BBBBBBBBBB | | |
| DD | | 22 | 22 | RR | RR | Terr | DARRAR | RRR |

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUPPARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE PREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".O" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.
THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST
AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE
OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS
THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE
OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED
IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE
MONTHS/YEARS ORLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO
SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MOWTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MOWTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MOWTH AND YEAR. AN ASTERISK (*) INDICATES A MOWTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MOWTHS. ".00" MEANS NO PRECIPITATION FOR THE MOWTH, ".0" MEANS NO SNOW DEPTH FOR THE MOWTH.

SHOWFALL/SHOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SHOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SHOMFALL AND SHOW
DEPTH FOR THE SHOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE
SHOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE
THE DATA BY SHOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN
COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE
AMOUNT DEFINES THE FIRST (OR LAST) SHOWFALL FOR THE THE YEAR. THE FIRST (OR LAST)
ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST)
MEASURABLE SHOWFALL. FIRALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A
(OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SHOW DEPTH. THE LAST
SHOW DEPTH IS CONSIDERED THE LAST SHOW MELT. THIS SUMMARY IS NOT PROVIDED
WHERE HO SHOWFALL OCCURE DURING THE GIVEN POR.

- NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.
- NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.
- NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. POR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALPUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.
- MOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.
- NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED BAIL.
- NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

THROUGH 1945: 0800 LST THROUGH JUN 1952: 0030 GMT
JAN 1946 TO MAY 1957: 1230 LST JUN 1952 TO MAY 1957: 1230 GMT
JUN 1957 TO PRESENT: 1200 GMT JUN 1957 TO PRESENT: 1200 GMT

MOTE 7. 24-BOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-BOUR AMOUNTS. RECORDED AMOUNTS POLICIANING WERKENDS AND/OR BOLIDAYS PREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 BOURS. IN ADDITION, 24-BOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-BOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAPETAC, ASHEVILLE NO

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL AUG SEP AMOUNTS JAN PEB MAR APR MAY JUN JUL OCT NOV DEC ANN (INCHES) 89.7 ROME 84.4 83.8 82.0 87.5 89.6 92.9 84.2 83.2 88.3 89.5 86.5 86.8 TRACE 7.3 7.5 9.4 9.5 6.2 6.4 5.3 8.1 6.4 5.0 4.3 5.5 6.8 .01 .9 .6 .8 .7 .6 .3 1.5 .8 .7 1.2 .5 .9 .02-.05 1.5 2.8 2.1 2.2 1.5 .5 2.5 2.8 1.7 1.6 1.6 2.6 1.9 .7 .9 .06-.10 .8 1.3 1.6 1.7 1.2 .8 .2 .8 .8 1.4 1.0 .11-.25 2.8 1.7 2.4 1.5 .6 .4 1.3 1.3 1.0 1.0 1.5 1.7 1.4 .26-.50 1.1 .6 .3 .6 .4 .5 .7 1.4 .3 1.1 1.0 .8 .51-1.00 .5 .6 .5 .4 .1 .6 .4 .4 .4 .7 .3 .4 .1 1.01-2.50 .1 .2 .4 .1 .2 .1 .1 2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 DAYS WITH MEAS AMIS 8.3 8.7 8.6 6.2 4.1 1.8 7.8 7.2 5.3 5.5 8.0 6.5 TOTAL NO. OF

OBSERVATIONS 1376 1269 1411 1380 1426 1380 1426 1380 1364 1320 1364

16522

OPERATING LOCATION 'A'
USAFETAC, ASSEVILLE NO

TOTAL MONTBLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109
LST TO UTC: +08 MONTH: ALL BOURS: ALL

| | | L | ST TO UTC | :: +08 | | | | | MONT | : ALL | BOURS: 1 | ALL | |
|------|--------|-----------------|-----------|--------|-------|-------|-------|-------|-------|-------|----------|-------|--------|
| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DBC | ARNUAL |
| 42 | | • • • • • • • • | ٠٥٥٠ | TRACE | .00 | .00 | TRACE | 1.65 | .00 | .10 | .00 | .04 | 1.79* |
| 43 | .92 | .10 | .45 | .84 | TRACE | .00 | TRACE | .03 | .26 | .02 | TRACE | 1.36 | 3.98 |
| 44 | .42 | .98 | .05 | TRACE | -20 | TRACE | TRACE | .00 | .00 | | | | 1.65* |
| 49 | TRACE* | TRACE | .06 | TRACE | .03 | .03 | .30 | .30 | .07 | TRACE | .08 | .08 | .95* |
| 50 | TRACE | .12 | -02 | TRACE | -00 | TRACE | .78 | .11 | .90 | TRACE | TRACE | .01 | 1.94 |
| 51 | .40 | -01 | .08 | .22 | .09 | .00 | .31 | 1.20 | .94 | .17 | .22 | .18 | 3.82 |
| 52 | .46 | TRACE | 1.81 | .95 | TRACE | -02 | .62 | .09 | .69 | .00 | .41 | .56 | 5.61 |
| 53 | TRACE | .00 | .01 | TRACE | TRACE | TRACE | .27 | TRACE | .00 | .28 | .03 | TRACE | -59 |
| 54 | .56 | .02 | .62 | .06 | TRACE | TRACE | .51 | TRACE | 1.40 | .04 | .76 | .25 | 4.22 |
| 55 | 1.43 | .17 | TRACE | TRACE | -01 | .23 | .30 | .75 | .00 | .03 | TRACE | .07 | 2.99 |
| 56 | .23 | .22 | .00 | .04 | TRACE | -00 | .56 | .00 | .00 | .16 | .00 | .00 | 1.21 |
| 57 | .41 | .07 | TRACE | .70 | .22 | -10 | 1.15 | 2.10 | TRACE | .24 | .49 | .04 | 5.52 |
| 58 | .59 | .96 | .39 | .34 | .32 | TRACE | TRACE | .07 | .20 | .61 | 1.40 | .00 | 4.88 |
| 59 | .12 | .68 | TRACE | TRACE | TRACE | TRACE | .12 | .39 | .36 | .06 | 1.11 | 1.59 | 4.43 |
| 60 | .65 | .31 | -04 | .11 | -02 | .06 | TRACE | TRACE | -25 | .77 | 1.58 | .41 | 4.20 |
| 61 | .24 | TRACE | .17 | .08 | TRACE | .00 | .60 | 1.84 | .02 | .26 | .09 | .44 | 3.74 |
| 62 | .03 | .49 | -02 | .00 | TRACE | TRACE | .01 | TRACE | .12 | .52 | .00 | .21 | 1.40 |
| 63 | -19 | .46 | -21 | .16 | TRACE | .38 | .00 | .07 | 1.29 | .66 | .41 | TRACE | 3.83 |
| 64 | TRACE | TRACE | -04 | .11 | .18 | TRACE | .28 | TRACE | TRACE | TRACE | .13 | .01 | .75 |
| 65 | TRACE | .29 | -56 | 3.36 | -94 | .01 | .07 | .39 | .09 | .02 | 2.41 | 1.50 | 9.64 |
| 66 | .01 | .16 | TRACE | .20 | .04 | TRACE | .70 | .02 | 1.36 | .10 | .25 | -32 | 3.16 |
| 67 | .48 | .00 | TRACE | .05 | -07 | .14 | .21 | .16 | .85 | .00 | 1.32 | .20 | 3.48 |
| 68 | TRACE | .28 | -11 | .06 | .02 | .05 | .05 | .03 | .01 | .24 | .10 | .03 | .98 |
| 69 | 1.37 | .80 | -41 | TRACE | .60 | .05 | .77 | .11 | .02 | .18 | .03 | -00 | 4.34 |
| 70 | TRACE | .91 | -42 | .04 | -00 | TRACE | .10 | .78 | .00 | .01 | . 15 | .11 | 2.52 |
| 71 | TRACE | .12 | .02 | TRACE | .71 | TRACE | TRACE | .08 | .00 | .05 | .22 | .48 | 1.68 |
| 72 | .00 | .00 | TRACE | .07 | .04 | .15 | 1.56 | .40 | .28 | 1.26 | .90 | . 18 | 4.84 |
| 73 | .49 | 1.11 | 1.83 | .24 | .04 | TRACE | .02 | .16 | TRACE | .01 | .08 | .04 | 4.02 |
| 74 | 1.40 | .03 | -38 | TRACE | TRACE | .00 | .60 | .13 | .00 | .93 | .40 | .75 | 4.62 |
| 75 | TRACE | .10 | 1.54 | .39 | .02 | TRACE | .89 | .04 | .22 | .02 | TRACE | TRACE | 3.22 |

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109
LST TO UTC: +08 MONTH: ALL BOURS: ALL

| YEAR | JAN | PEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 76 | .00 | 1.94 | .03 | .10 | .39 | .00 | .94 | .00 | 1.09 | 1.01 | .07 | .05 | 5.62 |
| 77 | .43 | TRACE | .23 | TRACE | .64 | .38 | TRACE | .85 | .14 | .01 | .08 | 1.16 | 3.92 |
| 78 | .89 | 1.52 | 1.75 | .81 | .22 | .00 | .07 | .01 | .20 | .41 | .65 | .82 | 7.35 |
| 79 | 1.35 | .07 | 1.34 | .15 | .14 | TRACE | .47 | 2.44 | TRACE | .00 | TRACE | .06 | 6.02 |
| 80 | 1.55 | 1.66 | .86 | .06 | .03 | .02 | 1.06 | TRACE | .66 | TRACE | -00 | TRACE | 5.90 |
| 81 | .09 | .10 | 1.36 | .19 | .40 | TRACE | .00 | .35 | .12 | .54 | .22 | .00 | 3.37 |
| 82 | .18 | .73 | .51 | .01 | .07 | TRACE | .12 | .39 | .18 | .13 | .65 | 1.00 | 3.97 |
| 83 | .57 | .16 | 1.43 | .38 | TRACE | TRACE | .06 | 1.94 | .74 | .34 | .28 | .38 | 6.28 |
| 84 | TRACE | .03 | TRACE | .05 | TRACE | TRACE | 4.73 | 1.95 | .15 | TRACE | 1.33 | 1.73 | 9.97 |
| 85 | .44 | TRACE | .02 | .13 | .03 | TRACE | .68 | TRACE | .08 | .34 | .31 | -08 | 2.11 |
| 86 | .19 | .50 | .44 | .11 | .02 | .03 | -09 | .04 | .03 | .05 | 1.10 | .25 | 2.85 |
| 87 | 1.16 | .35 | .45 | .37 | .75 | .14 | 1.32 | .02 | .02 | 1.24 | 1.25 | .93 | 8.00 |
| 88 | .95 | .33 | .00 | 1.04 | .00 | .37 | TRACE | .93 | TRACE | .00 | .03 | .02 | 3.67 |
| 89 | .23 | .08 | .04 | TRACE | .43 | TRACE | TRACE | .59 | TRACE | .07 | .00 | .00 | 1.44 |
| 90 | 1.33 | .38 | .06 | .04 | .08 | 1.37 | .08 | .10 | .09 | .18 | TRACE | .02 | 3.73 |
| 91 | .20 | .76 | 1.63 | .00 | .23 | .23 | .80 | .46 | .06 | | | | 4.37* |

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109

| | | L | T TO UTC | : +08 | | | | | MONT | H: ALL | HOURS: A | ALL. | |
|-----------|------|------|-----------------|---------|---------------|-----------------|---------------|-----------------|-------------------|---------------|-----------------|-------------------|---|
| YEAR | JAN | PEB | MAR | APR | MAY | Jun | JUL | AUG | SEP | OCT | NOV | DBC | AMNUAL |
| ••••• | | | • • • • • • • • | | ••••• | | | • • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • • • | • |
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| LEAST | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .59 |
| GREATEST | 1.55 | 1.94 | 1.83 | 3.36 | .94 | 1.37 | 4.73 | 2.44 | 1.40 | 1.26 | 2.41 | 1.73 | 9.97 |
| MEAN | .45 | .38 | .43 | .25 | .15 | .08 | .46 | .45 | .28 | .25 | .42 | .35 | 4.04 |
| MEDIAN | .32 | .16 | .11 | .07 | .03 | TRACE | .24 | .11 | .09 | .10 | .19 | .10 | 3.88 |
| | • | | | | | | | | | | | | |
| 5D | .483 | .479 | .587 | .540 | .237 | .220 | .762 | .670 | .409 | .342 | .558 | .486 | 2.151 |
| TOTAL OBS | 1376 | 1269 | 1411 | 1380 | 1426 | 1380 | 1426 | 1426 | 1380 | 1364 | 1320 | 1364 | 16522 |
| | | | | | | • • • • • • • • | • • • • • • • | | | • • • • • • • | • • • • • • • | | |

THE GREATEST VALUE OF 4.73 OCCURRED ON 07/84

NOTE: "THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109
LST TO UTC: +08 MONTH: ALL HOURS: ALL

| | | LS | er to urc | 2: +08 | | | | | MONT | i: ALL | HOURS: A | TL | |
|------|--------|-------|-----------|--------|-------|-------|-------|-------|-------|--------|----------|-------|--------|
| YEAR | JAN | PEB | HAR | APR | MAY | JUN | JUL | AUG | SEP | oct | NOV | DEC | ANNUAL |
| 42 | | | -00* | TRACE | .00 | .00 | TRACE | 1.50 | -00 | .10 | .00 | .04 | 1.50* |
| 43 | .65 | -10 | .18 | .40 | TRACE | .00 | TRACE | .02 | .22 | .02 | TRACE | .41 | .65 |
| 44 | .32 | .27 | .05 | TRACE | .15 | TRACE | TRACE | .00 | .00 | | | | .32* |
| 49 | TRACE* | TRACE | .06 | TRACE | .02 | .03 | .30 | .20 | .07 | TRACE | .08 | .06 | .30* |
| 50 | TRACE | .12 | .01 | TRACE | .00 | TRACE | .64 | .11 | -90 | TRACE | TRACE | .01 | .90 |
| 51 | .38 | .01 | .08 | .08 | .08 | .00 | .20 | 1.12 | .94 | .15 | .22 | .11 | 1.12 |
| 52 | .37 | TRACE | .83 | .60 | TRACE | .02 | .40 | .09 | -41 | .00 | .26 | .31 | .83 |
| 53 | TRACE | .00 | .01 | TRACE | TRACE | TRACE | .26 | TRACE | -00 | .21 | .03 | TRACE | .26 |
| 54 | .34 | .01 | .29 | .06 | TRACE | TRACE | .31 | TRACE | 1.15 | .04 | .76 | .15 | 1.15 |
| 55 | .82 | .13 | TRACE | TRACE | .01 | .23 | .14 | .44 | .00 | .03 | TRACE | .05 | .82 |
| 56 | .23 | .22 | .00 | .02 | TRACE | .00 | .28 | .00 | -00 | .16 | .00 | .00 | .28 |
| 57 | .21 | .05 | TRACE | .63 | .13 | .10 | 1.15 | 1.77 | TRACE | .10 | .42 | .03 | 1.77 |
| 58 | .53 | .81 | .15 | .15 | .32 | TRACE | TRACE | .05 | -13 | .61 | .99 | .00 | .99 |
| 59 | .12 | .30 | TRACE | TRACE | TRACE | TRACE | .06 | .21 | .32 | .05 | .94 | .91 | .94 |
| 60 | .29 | -11 | .04 | .11 | .02 | .06 | TRACE | TRACE | .25 | .73 | 1.17 | .35 | 1.17 |
| 61 | .23 | TRACE | .12 | .04 | TRACE | .00 | .31 | 1.62 | .02 | .10 | .07 | .21 | 1.62 |
| 62 | .03 | .18 | .02 | .00 | TRACE | TRACE | .01 | TRACE | -12 | .49 | .00 | .16 | .49 |
| 63 | .19 | .34 | .15 | .10 | TRACE | .31 | .00 | .05 | .62 | .30 | .26 | TRACE | .62 |
| 64 | TRACE | TRACE | .02 | .07 | .10 | TRACE | .22 | TRACE | TRACE | TRACE | .11 | .01 | .22 |
| 65 | TRACE | .23 | .33 | 1.25 | .45 | .01 | .04 | .33 | -09 | .02 | .97 | .73 | 1.25 |
| 66 | .01 | .07 | TRACE | .20 | .02 | TRACE | .66 | .02 | 1.16 | .05 | .22 | .16 | 1.16 |
| 67 | .35 | .00 | TRACE | .03 | .07 | .14 | .11 | .14 | .63 | .00 | .83 | .17 | .83 |
| 68 | TRACE | .22 | .11 | .06 | .02 | .05 | .04 | .03 | .01 | .23 | .10 | .03 | .23 |
| 69 | .33 | .27 | .15 | TRACE | .39 | .05 | .74 | .11 | .01 | .18 | .03 | .00 | .74 |
| 70 | TRACE | .46 | .17 | .04 | .00 | TRACE | .05 | .62 | .00 | .01 | .15 | .07 | .62 |
| 71 | TRACE | .05 | .02 | TRACE | .57 | TRACE | TRACE | .02 | .00 | .03 | .22 | .21 | .57 |
| 72 | .00 | .00 | TRACE | .07 | .04 | .11 | 1.56 | .17 | .22 | .77 | .79 | .08 | 1.56 |
| 73 | .25 | .32 | .45 | .23 | .03 | TRACE | .01 | .15 | TRACE | .01 | .04 | -04 | .45 |
| 74 | .45 | .03 | .38 | TRACE | TRACE | .00 | .20 | .11 | .00 | .37 | .33 | .63 | .63 |
| 75 | TRACE | .03 | .58 | .10 | .01 | TRACE | .76 | .04 | .10 | .02 | TRACE | TRACE | .76 |

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 MONTH: ALL HOURS: ALL LST TO UTC: +08 MAR APR MAY JUN JAN FEB JUL AUG SEP OCT NOV DEC ANNUAL 76 .00 .80 .03 .06 . 37 -00 .50 .00 .72 .07 .05 77 TRACE TRACE .28 .37 TRACE .67 .09 .01 .08 1.15 .24 .20 1.15 . 35 78 .28 .47 .97 .22 -00 .06 .01 . 15 .41 .54 . 46 .97 79 . 39 .07 .46 . 15 .14 TRACE .19 1.55 TRACE .00 TRACE .04 1.55 .64 .00 .03 .53 TRACE 80 .62 .75 . 39 -04 .01 TRACE TRACE .75 81 .08 -07 .80 TRACE . 19 .33 .00 .15 .08 .33 .22 .00 .80 .07 82 .11 .73 .18 .01 .07 TRACE . 32 .08 .10 .61 . 45 .73 83 .24 .05 . 92 .21 TRACE TRACE .06 .89 .39 .25 .15 .30 .92 .03 TRACE 84 TRACE TRACE .05 TRACE 2.50 1.70 .14 TRACE 1.09 .51 2.50 .41 TRACE 85 .01 .13 .03 TRACE . 45 TRACE .08 .31 . 15 .08 .45 86 .14 .44 .26 .11 .02 .03 .03 .04 .03 .03 1.10 .13 1.10 87 .52 .29 .42 .25 .65 .14 .54 .02 .02 1.00 .50 . 32 1.00 .87 .27 .52 .00 .26 TRACE .65 TRACE .00 .02 88 .00 .02 .87 .22 .04 .00 .00 89 -04 TRACE .41 TRACE TRACE .31 TRACE .07 .41 90 .75 . 18 .06 -02 .08 1.02 .06 .04 .06 .18 TRACE .02 1.02 .00 91 . 13 .66 .80 .09 .23 . 29 . 26 .05 .80* .87 .97 1.25 GREATEST .81 .65 1.02 2.50 1.77 1.16 1.00 1.17 1.15 2.50 TOTAL 088 1376 1269 1411 1380 1426 1380 1426 1426 1380 1364 1320 1364 16522

MOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

THE GREATEST VALUE OF 2.50 OCCURRED ON 07/22/84

B - 2 - 3B

OPERATING LOCATION 'A'

PERCENTAGE PREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES

USAFETAC, ASHEVILLE NC FROM SUMMARY OF DAY DATA

| STATION NUMBER: | 723865 | | N NAME: | | afb/las | VEGAS NV | | | PERIOD OF ONTH: AL | | 4901-91 S: ALL | 09 | |
|------------------------------|--------|-------------------|---------|-------------|---------|-----------------|-----------------|---------------|-----------------------|---------------|-------------------|------|-------|
| AMOUNTS (INCHES) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | oct | NOV | DEC | AMN |
| NOME | 98.0 | 98.4 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 98.8 | 99.5 |
| TRACE | 1.4 | 1.3 | .5 | .1 | | | | | | .1 | .6 | 1.1 | .4 |
| 0.1-0.4 | .2 | .1 | | | | | | | | | | | .0 |
| 0.5-1.4 | .2 | .1 | | | | | | | | | | .1 | .0 |
| 1.5-2.4 | | .1 | | | | | | | | | | | .0 |
| 2.5-3.4 | .1 | | | | | | | | | | | | .0 |
| 3.5-4.4 | .1 | | | | | | | | | | | | .0 |
| 4.5-6.4 | .1 | | | | | | | | | | | | .0 |
| 6.5-10.4 | | | | | | | | | | | | | |
| 10.5-15.4 | | | | | | | | | | | | | |
| 15.5-25.4 | | | | | | | | | | | | | |
| 25.5-50.4 | | | | | | | | | | | | | |
| OVER 50.4 | | | | | | | | | | | | | |
| | | • • • • • • • • • | ••••• | • • • • • • | | • • • • • • • • | • • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • | ••••• | | ••••• |
| DAYS WITE STMA SASH | .6 | .2 | | | | | | | | | | .1 | .1 |
| TOTAL NO. OF OBSERVATIONS | 1319 | 1214 | 1333 | 1290 | 1333 | 1290 | 1333 | 1333 | 1290 | 1302 | 1260 | 1302 | 15599 |

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL APR MAY AUG SEP OCT NOV DEC ANNUAL 49 TRACE* .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE* 50 .0 .0 -0 .0 .0 .0 .0 .0 .0 -0 .0 .0 51 TRACE .0 TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE .0 .0 .0 .0 .0 .0 .0 .0 52 -0 .0 .0 .0 .0 TRACE 53 .0 .0 -0 .0 .0 .0 .0 .0 .0 TRACE TRACE .0 54 .0 .0 TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE .0 -0 .0 55 .9 .3 .0 .0 -0 -0 .0 .0 -0 1.2 56 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 2.2 2.2 .0 .0 57 .4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .4 58 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE .0 TRACE 59 .0 -0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 60 TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE TRACE .0 .0 .0 .0 .0 .0 61 -0 .0 -0 .0 .0 1.2 1.2 62 TRACE .0 TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE 63 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 64 .0 .0 .0 .0 .0 .0 .0 .0 TRACE .0 TRACE .0 65 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE TRACE 66 .0 .0 .0 .0 .0 .0 .0 .0 ٠0 TRACE TRACE .0 TRACE 67 .0 .0 .0 .0 .0 .0 -0 .0 .0 .0 TRACE TRACE TRACE .0 .0 .0 68 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 69 TRACE .0 TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE 70 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 -0 .0 71 TRACE TRACE TRACE .0 .0 .0 .0 .0 .0 .0 TRACE TRACE TRACE 72 .0 .0 TRACE .0 .0 .0 -0 .0 .0 .0 TRACE TRACE .0 .0 .0 .0 .0 .0 .0 -0 TRACE 73 TRACE .0 .0 .0 .0 74 8.4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE 8.4 75 TRACE .0 .0 .0 .0 .0 .0 .0 .0 TRACE .0 -0 .0 76 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 77 .0 .0 .0 .0 .0 .0 -0 .0 .0 .0 -0 -0 78 .0 .0 .0 -0 .0 .0 .0 .0 .0 .0 .0 TRACE TRACE 79 .0 .0 .0 .0 .0 .0 .0 .0 6.8 5.7 1.1 .0 .0 80 .0 .0 .0 .0 -0 .0 .0 .0 .0 -0 .0 .0 .0

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4901-9109
LST TO UTC: +08 MONTH: ALL HOURS: ALL

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | ост | NOV | DEC | ANNUAL |
|-----------|---|-------|---------------|-----------------|-------|---------------|-----------------|-------|-----------------|-----------------|-----------------|---|---|
| 81 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 82 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 83 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 84 | .0 | .0 | .0 | -0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 85 | .0 | TRACE | TRACE | .0 | .0 | .0 | -0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 86 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 87 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 88 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 89 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 90 | TRACE | TRACE | .0 | .0 | .0 | .0 | -0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 91 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | -0 | | | | .0* |
| | | | | | | | | | | | | | |
| ••••• | • | ••••• | • • • • • • • | • • • • • • • • | ••••• | • • • • • • • | • • • • • • • • | ••••• | • • • • • • • • | • • • • • • • • | • • • • • • • • | • | • |
| LEAST | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| CREATEST | 8.4 | 2.2 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 1.2 | 8.4 |
| MEAN | .4 | .1 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | TRACE | .5 |
| MEDIAN | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 8D | 1.549 | .373 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .185 | 1.694 |
| TOTAL OBS | 1319 | 1214 | 1333 | 1290 | 1333 | 1290 | 1333 | 1333 | 1290 | 1302 | 1260 | 1302 | 15599 |

THE GREATEST VALUE OF

8.4 OCCURRED ON 01/74

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL Jan SEP FRB MAR APR MAY JUN JUL OCT NOV 49 TRACE* .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE* 50 .0 .0 -0 -0 .0 .0 -0 -0 .0 ٠.0 ٠0 .0 .0 51 TRACE .0 TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE 52 ٠0 .0 .0 .0 .0 .0 .0 -0 .0 .0 .0 .0 .0 53 .0 .0 .0 .0 -0 .0 .0 -0 .0 TRACE TRACE .0 TRACE .0 54 .0 TRACE .0 .0 .0 .0 .0 .0 .0 .0 TRACE .0 55 .9 .3 .0 .0 -0 .0 .0 .0 .0 .0 .0 .0 .9 2.2 .0 .0 .0 .0 .0 .0 56 .0 -0 .0 .0 .0 2.2 57 .3 .0 .0 -0 .0 .0 .0 .0 .0 .0 .0 -0 .3 58 .0 .0 -0 .0 .0 .0 .0 -0 .0 TRACE .0 TRACE .0 .0 .0 .0 .0 .0 .0 59 .0 .0 .0 .0 .0 .0 .0 60 TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE TRACE 61 -0 .0 .0 .0 -0 .0 .0 .0 .0 .0 .0 1.2 1.2 62 TRACE .0 TRACE .0 .0 .0 .0 -0 .0 .0 .0 TRACE .0 .0 .0 .0 .0 .0 63 .0 .0 .0 .0 .0 .0 .0 .0 .0 64 .0 -0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE TRACE TRACE 65 .0 .0 .0 -0 .0 .0 .0 .0 .0 .0 TRACE .0 66 .0 TRACE -0 .0 .0 .0 -0 .0 .0 .0 .0 TRACE TRACE 67 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE TRACE TRACE .0 68 .0 .0 -0 .0 .0 .0 .0 .0 .0 -0 -0 .0 .0 69 TRACE TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 70 .0 -0 -0 -0 -0 -0 ٠0 ٠0 ٠0 .0 ٠.0 ٠.0 71 TRACE TRACE .0 .0 .0 .0 TRACE .0 .0 .0 TRACE TRACE TRACE .0 .0 .0 72 .0 TRACE .0 .0 .0 .0 .0 .0 TRACE TRACE 73 TRACE .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TRACE .0 74 4.0 .0 .0 .0 .0 .0 .0 .0 TRACE -0 -0 4.0 .0 .0 75 TRACE .0 TRACE .0 .0 .0 .0 .0 .0 .0 76 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 77 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 78 .0 .0 -0 .0 .0 .0 .0 .0 .0 .0 TRACE .0 TRACE .0 4.7 -0 79 1.1 .0 .0 .0 .0 .0 4.7 .0 .0 .0 80 .0 .0 .0 .0 .0 .0 .0 .0 .0

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4901-9109 MONTH: ALL HOURS: ALL LST TO UTC: +08

| YEAR | JAN | FKB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOA | DEC | AUNUA |
|------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 81 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | .0 | .0 |
| 82 | TRACE | .0 | .0 | -0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 83 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 84 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 85 | .0 | TRACE | TRACE | .0 | .0 | .0 | -0 | -0 | .0 | .0 | .0 | .0 | TRACE |
| 86 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 87 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 88 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 89 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 90 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 91 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | -0* |

| | | | | • • • • • • • • | | | | | | | | | |
|-----------|-----|-----|-------|-----------------|------|------|------|------|------|-------|-------|------|-------|
| CREATEST | 4.7 | 2.2 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 1.2 | 4.7 |
| TOTAL OBS | | | 1333 | | 1333 | 1290 | 1333 | 1333 | 1290 | 1302 | 1260 | 1302 | 15599 |
| | | | | . | | | | | | | | | |

THE GREATEST VALUE OF 4.7 OCCURRED ON 01/31/79

NOTE: "THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A' PERCENTAGE PREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES USAFETAC, ASHEVILLE NC FROM SUMMARY OF DAY DATA

| STATION NUMBER | 723865 | | W RAME: UTC: +0 | | AFB/LAS V | Vegas nv | | | ERIOD OF ONTE: AL | | 4203-44 RS: ALL | 09,4901-9 | 109 |
|------------------------------|--------|--------|--------------------|-------|---------------|----------|---------------|-----------------|----------------------|-------|--------------------|-----------|---------------|
| AMOUNTS (INCHES) | Jan | PEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
| NOME | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 |
| TRACE | .1 | .1 | .1 | | | | | | | | | | .0 |
| 1 | .1 | .1 | | | | | | | | | | .1 | .0 |
| 2 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4-6 | .1 | | | | | | | | | | | | .0 |
| 7-12 | | | | | | | | | | | | | |
| 13-24 | | | | | | | | | | | | | |
| 25-36 | | | | | | | | | | | | | |
| 37-48 | | | | | | | | | | | | | |
| 49-60 | | | | | | | | | | | | | |
| 61-120 | | | | | | | | | | | | | |
| OVER 120 | | | | | | | | | | | | | |
| •••••• | •••••• | •••••• | •••••• | ••••• | • • • • • • • | | • • • • • • • | • • • • • • • • | ••••• | ••••• | •••••• | •••••• | • • • • • • • |
| Dats with Meas ames | .1 | .1 | | | | | | | | | | .1 | .0 |
| TOTAL NO. OF OBSERVATIONS | 1381 | 1271 | 1415 | 1380 | 1426 | 1380 | 1426 | 1426 | 1380 | 1364 | 1320 | 1364 | 16533 |

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL JAN PEB MAR 0* 0 0* TRACE TRACE* 0* 0*

EXTREME DAILY SHOW DEPTH AMOUNTS IN INCHES

FROM SUMMARY OF DAY DATA

| TATION NUM | BER: 7236 | - | TO UTC: | | S AFB/LAS | VEGAS I | IV | | PERIOD MONTH: | | RD: 4203 OURS: AL | -4409,490 L | 1-9109 |
|------------|-----------|-------|---------|---------------|-----------|---------|---------------------------------------|------|---------------------------------------|-------|----------------------|----------------|--------|
| EAR | JAN | PEB | MAR | APR | MAY | JUR | JUL | AUG | SEP | OCT | NOV | DEC | AUMUA |
| 76 | 0 | 0 | 0 | 0 | 0 | 0 | · · · · · · · · · · · · · · · · · · · | 0 | · · · · · · · · · · · · · · · · · · · | | 0 | 0 | 0 |
| 77 | 0 | 0 | 0 | 0 | 0 | Ö | o | Ö | Ö | 0 | 0 | 0 | 0 |
| 78 | o | ŏ | ŏ | Ö | ŏ | ŏ | Ö | ŏ | Ö | ŏ | Ö | Õ | Ö |
| 79 | TRACE | ì | Ö | Ŏ | Ŏ | ō | Ö | Ŏ | Ō | Ö | ŏ | Ŏ | 1 |
| 80 | 0 | ō | ŏ | Ö | ō | Ö | Ŏ | ō | Ō | ō | 0 | o | ō |
| 81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | o | o | o |
| 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | . 0 |
| 90 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 91 | 0 | 0 | O | O | O | O | O | O | O | | | | 0* |
| REATEST | 4* | 1 | TRACE* | ····· | | ····· | | o | o | ····· | o | 1 | 4* |
| | •••• | | | • • • • • • • | | | | | ••••• | | | ••••• | |
| OTAL OBS | 1381 | 1271 | 1415 | 1380 | 1426 | 1380 | 1426 | 1426 | 1380 | 1364 | 1320 | 1364 | 16533 |

THE GREATEST VALUE OF 4 OCCURRED ON 01/05/74

NOTE: "THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'

FIRST AND LAST DAYS OF OCCURRENCE BY SHOW-YEAR
USAFETAC, ASHEVILLE MC

FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: 4902-5206

SNOW-YEAR: 1 AUG - 31 JUL

FIRST FIRST LAST LAST LAST
SHOWFALL MEASURABLE MEASURABLE SNOWFALL MEASURABLE MEASURABLE
SNOW-TRAR SNOWFALL SNOW DEPTH
SNOWFALL SNOW DEPTH

50 - 51 JAN 30 MAR 02

MEDIAN-DATE JAN 30

MAR 02

| PPPPP | PPP | AAA | AAA | RRRR | RRRR | 7777777777 | ccc | ccc |
|-----------|------|-------|-------|------|-------|------------|------|------|
| PPPPP | PPPP | AAAA | AAAA | RRRR | RRRRR | | cccc | cccc |
| PP | PP | AA | λλ | RR | RR | TT | cc | cc |
| PP | PP | AA | AA | RR | RR | TT | CC | |
| PPPPF | PPPP | λλ | AA | RRRR | RRRRR | TT | cc | |
| PPPPP | PPP | AAAAA | AAAAA | RRRR | RRRR | TT | cc | |
| PP | | AAAAA | AAAAA | RR | RR | TT | CC | |
| PP | | AA | AA | RR | RR | TT | cc | CC |
| PP | | AA | AA | RR | RR | TT | ecec | CCCC |
| PP | | 22 | 22 | RR | RR | dela | ccc | CCC |

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS.

DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD
THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL
WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TERS OF DEGREES. DATA
IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD
AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE
GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE
PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES
A VALUE FOR A MONTH FOR WHICE LESS THAN 90% OF THE DATA ARE AVAILABLE. AN
ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE HISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE PREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CAIM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BRING ERCORDED FOR RACH DAY OF RACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE
THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.
- ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS)
THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 PEET BUT LESS THAN 1500 PEET.
IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED:
WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 PEET, THE VISIBILITY MUST
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT - .514791 NETERS PER SECOND

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4902-5111,5804-5804,5910-9109

| STATION N | INMBEK: | 72 | 3805 | | LST T | | | | | | | | 723 MA | | | | i | MONI | TE: λ | | | | ALL | 111,5 | 804-38 | U4,391 |
|-----------|---------|---------|------|-----------------|-------|-----|-----|-----|------|-----|-----|-----|------------|-----|-----|-----|-----|------|-------|-----|------|-----|-----|-------|--------|-------------|
| YEAR | | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | JUL | | AUG | | SEP | •••• | OCT | •••• | NOV | 1 | DEC | | ANN |
| 49 | | • • • • | s | 35 | ESE | *34 | M | 29 | •••• | * | SSW | 35 | •••• | * | WHW | 29 | 8 | 35 | 8SW | 39 | SW | 35 | NW | 45 | MM | *4 5 |
| 50 | WS | ¥ 51 | MM | 39 | SW | 49 | SW | 43 | SW | 49 | SW | 48 | 8E | 42 | SW | 43 | SW | 43 | SSW | 40 | NE | 43 | WSW | 31 | WSW | 51 |
| 51 | 8 | 44 | 8 | 36 | KM | 45 | W | 47 | sw | 44 | SSE | 34 | WSW | 56 | E | 63 | NE | 36 | SW | 33 | NE | *40 | | | B | * 63 |
| 58 | 1 | | | | | | SSW | *40 | | | | | | | | | | | | | | | | | 83W | *4 0 |
| 59 | 1 | | | | | | | | | | | | | | | | | | WNW | 45 | E | 38 | MMM | 49 | MMM | *49 |
| 60 | MM | 28 | WIN | 51 | MM | 44 | SSW | 41 | NNE | 42 | WNW | 44 | 8 B | 36 | E | 45 | SE | 35 | N | 45 | SSW | 38 | NW | 38 | WNW | 51 |
| 61 | MM | B 21 | MM | 51 | WIW | 50 | sw | 44 | WNW | 38 | SSW | 32 | NW | 40 | WNW | | 8 | 37 | WNW | | SSE | | N | 34 | NW | |
| 62 | MA | E 42 | SSE | 35 | WIW | 52 | WIW | 44 | SS | 39 | nne | 40 | SW | 39 | WSW | | WIW | | SSW | | WHW | | NW | 29 | | 52 |
| 63 | SE | | - | 37 | SSW | | SSE | | MM | 44 | SSW | | 8SW | | SE | 53 | WSW | | SSW | | MME | | SW | 35 | SE | |
| 64 | SW | 37 | With | 51 | MIM | 45 | MNM | 42 | SW | 42 | SSW | | 8e | 36 | SSE | | N | 39 | 8SE | | W | 4 | NB | 38 | | 59 |
| 65 | MA | 54 | WHE | 43 | NNB | 38 | 8SW | 38 | WNW | 48 | S | 39 | S | 29 | 8 | 37 | M | 38 | 8 | 32 | 8 | 34 | SW | 38 | NW | 54 |
| 66 | W | *47 | NB | *25 | ENE | | NNB | 46 | 8SE | 42 | WSW | 38 | 8 | 54 | 8 | 33 | SE | 51 | WNW | 40 | s | 34 | 8 | 41 | 8 | |
| 67 | NM | 40 | SSW | 7 53 | W | 42 | 8 | 44 | 8 | 41 | W | 44 | SSE | 37 | | 49 | NNB | 35 | HNB | 43 | W | 31 | MME | 44 | 88W | 53 |
| 68 | 581 | 4 33 | NNE | 32 | MIM | 41 | MMM | 46 | SSW | 36 | SW | 37 | 20/ | 37 | 24/ | 37 | 06/ | 38 | 21/ | | 02/ | 37 | 22/ | 44 | MMM | |
| 69 | 22 | / 39 | 17/ | 42 | 30/ | 48 | 26/ | 53 | 19/ | 34 | 19/ | 43 | 05/ | 40 | 13/ | 43 | 19/ | 34 | 36/ | 45 | 31/ | 34 | 35/ | 37 | 26/ | 53 |
| 70 | 30, | / 41 | 19/ | 39 | 36/ | 47 | 22/ | 52 | 21/ | 40 | 19/ | 42 | 17/ | 43 | 03/ | 50 | 19/ | 52 | 31/ | 39 | 17/ | 37 | 21/ | 38 | 22/ | 52 |
| 71 | 19 | / 48 | 29/ | 46 | 30/ | 48 | 24/ | 47 | 20/ | 58 | 21/ | 45 | 02/ | 48 | 35/ | 47 | 29/ | 46 | 19/ | | 21/ | 34 | 22/ | 40 | 20/ | |
| 72 | 03. | / 46 | 03/ | 34 | 22/ | 35 | 31/ | 42 | 29/ | 43 | 23/ | 32 | 02/ | 51 | 06/ | 49 | 31/ | 29 | 04/ | 40 | 32/ | 30 | 32/ | 42 | 02/ | 51 |
| 73 | 03. | / 42 | 17/ | 33 | | 35 | 02/ | | | 39 | 18/ | | 06/ | - | 14/ | | 05/ | | 31/ | | | 40 | 30/ | | 02/ | |
| 74 | 29. | / 43 | | 48 | | 51 | 32/ | _ | | 48 | 20/ | | 03/ | | 26/ | | 04/ | | 27/ | | | 26 | 03/ | | 03/ | |
| 75 | 32. | / 40 | 20/ | 40 | 31/ | 55 | 26/ | 42 | 20/ | 48 | 32/ | 36 | 15/ | 40 | 26/ | 31 | 04/ | 32 | 21/ | 37 | 24/ | 42 | 05/ | 37 | 31/ | 55 |
| 76 | 30. | / 26 | | 47 | | 50 | 29/ | | | | 04/ | | 19/ | | | | | 32 | | | 02/ | | 30/ | | | 50 |
| 77 | 16 | / 32 | 21/ | 46 | | | 31/ | | | 38 | 18/ | | 20/ | | 33/ | | 21/ | | 29/ | - | | 40 | 23/ | | | 46 |
| 78 | 31. | / 37 | | 39 | | 35 | 21/ | _ | | 42 | - | - | 22/ | | 03/ | | 21/ | | 02/ | | | 29 | 02/ | | | 58 |
| 79 | 04 | / 28 | 23/ | ' 30 | | | 20/ | 35 | 22/ | *40 | 21/ | | 02/ | | 17/ | - | 22/ | | 20/ | 47 | 29/ | 42 | 02/ | 34 | | *47 |
| 80 | 19. | / 44 | 20/ | 53 | 36/ | 43 | 03/ | 42 | 21/ | 43 | 22/ | 39 | 20/ | 61 | 02/ | 37 | 17/ | 26 | 30/ | 37 | 24/ | 35 | 18/ | 26 | 20/ | 61 |
| 81 | 17. | / 32 | 02/ | 43 | 27/ | 45 | 22/ | 39 | 22/ | 51 | 01/ | 37 | 20/ | 32 | 03/ | 58 | 02/ | 45 | 21/ | 39 | 31/ | 40 | 20/ | 35 | 03/ | 58 |
| 82 | 28 | / 45 | 03/ | ' 39 | 23/ | 46 | 19/ | 42 | 22/ | 40 | 29/ | 44 | 18/ | | 14/ | 40 | 29/ | 58 | 29/ | 39 | 16/ | 45 | 31/ | 46 | 29/ | 58 |
| 83 | 22 | / 40 | 24/ | 57 | 29/ | 44 | 20/ | 41 | 30/ | 47 | 19/ | 40 | 23/ | 38 | 29/ | 42 | 02/ | *36 | 03/ | 31 | 29/ | 46 | 17/ | 41 | 24/ | *57 |
| 84 | 03 | / 36 | 29/ | ['] 51 | 30/ | 49 | 31/ | 47 | 02/ | 42 | 36/ | 58 | 18/ | 61 | 11/ | 40 | 11/ | 30 | 34/ | 36 | 22/ | 37 | 31/ | 43 | 18/ | 61 |
| 85 | 36 | / 26 | 33/ | 38 | 20/ | 47 | 34/ | 42 | 30/ | 36 | 34/ | 32 | 18/ | 36 | 17/ | 37 | 23/ | 32 | 19/ | 31 | 20/ | 40 | 31/ | 23 | 20/ | 47 |

OPERATING LOCATION 'A'
USAPETAC, ASHEVILLE NO

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4902-5111,5804-5804,5910-9109 LST TO UTC: +08 MONTE: ALL BOURS: ALL

| YEAR | Jan | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | MOA | DEC | ANN |
|---------------|--------|--------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|
| 86 | 36/ 31 | 25/ 38 | 24/ 42 | 30/ 45 | 32/ 48 | 20/ 29 | 18/ 36 | 03/ 37 | 15/ 34 | 20/ 28 | 30/ 44 | 36/ 22 | 32/ 48 |
| 87 | 19/ 38 | 29/ 44 | 28/ 38 | 19/ 46 | 01/ 40 | 29/ 40 | 29/ 47 | 06/ 33 | 11/ 37 | 12/ 29 | 29/ 36 | 01/ 30 | 29/ 47 |
| 88 | | | 30/ 45 | | - | | | | | | | | 20/ 50 |
| 89 90 | | | 30/ 45 28/ 41 | | | | | | | | | | 21/ 48 29/ 48 |
| 30 | 347 29 | 137 41 | 20/ 41 | 03/ 3/ | 22/ 33 | 20/ 44 | 23/ 40 | 12/ 40 | 12/ 33 | 02/ 34 | 20/ 42 | 24/ 43 | 23/ 40 |
| 91 | 01/ 40 | 30/ 30 | 21/ 41 | 01/ 40 | 27/ 51 | 19/ 41 | 29/ 32 | 12/ 43 | 18/ 38 | | | | 27/*51 |
| | | | | | | | | | | | | | |

GREATEST NW 54 24/57 31/55 26/53 20/58 SSW 59 20/61 E 63 29/58 31/47 21/48 WNW 49 E 63

TOTAL OBS 1045 969 1075 1046 1041 1042 1049 1083 1039 1083 1039 1052 12563

THE PEAK WIND OF 63 FROM B OCCURRED ON 08/27/51

NOTE: "THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

C - 2 - 1B

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4902-5111,5804-5804,5910-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL WIND SPEEDS IN KNOTS MRAN MEDIAN TOTAL HONTH CALM-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GR 65 WIND WIND OBS JAN 3.3 27.8 23.9 15.9 10.9 8.1 3.0 .0 15.8 13.0 1045 FKB .9 17.3 24.5 17.0 15.5 10.2 7.3 3.7 2.8 .7 .0 10.5 16.0 969 17.7 MAR .0 18.8 16.8 22.4 6.6 16.6 10.3 7.7 5.0 .5 .0 22.0 1075 APR .1 2.9 15.3 17.7 20.8 16.1 14.6 7.5 23.6 23.0 4.6 .0 1046 • 5 MAY .0 .8 12.5 20.4 23.4 20.2 13.3 5.8 3.5 .3 .0 23.6 23.0 1041 JUN .5 11.5 19.0 .9 27.8 19.0 13.1 5.4 2.5 23.2 23.0 .3 .0 1042 JUL .0 1.1 10.2 27.9 21.1 23.2 9.7 4.0 2.0 .8 .0 23.1 23.0 1049 AUG .1 2.5 16.1 22.4 23.5 18.7 10.1 3.6 2.6 22.1 21.0 .6 .0 1083 SEP .2 7.2 25.7 21.0 18.9 14.6 7.6 3.4 1.1 .4 .0 19.5 18.0 1039 OCT 1.3 19.3 26.2 16.3 16.8 9.0 6.7 2.9 1.4 .0 -0 17.2 16.0 1083 NOV 2.6 25.2 22.6 18.1 11.5 9.0 5.6 3.8 1.5 16.4 14.0 1039 .0 .0 DRC 4.5 34.3 21.8 12.5 10.2 7.3 5.1 2.9 1.4 .0 .0 14.6 12.0 1052 AMMUAL, 1.1 12.1 19.1 18.3 18.7 14.4 9.0 2.5 20.0 4.5 .3 .0 19.0 12563

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 ~ SEP 91

| | | LS | T TO UI | C: + 8 | | -, | | | MONTE | : JAN | HOUR | s: 00-02 | ! | _ |
|------------------------|-----------------|-------------|---------|--------|--------|---------|--------|---------------|--------|---------------|---------|---------------|--------------|----------------|
| ************ | • • • • • • • • | • • • • • • | ••••• | ••••• | WIND S | PEED IN | KNOTS | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL \$ | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 7.1 | 1.8 | .9 | .2 | .2 | .1 | ••••• | ••••• | ••••• | • • • • • • • | ••••• | 10.3 | 4.9 | 3.0 |
| 020-040 | 5.9 | 3.3 | .9 | | | | | | | | | 10.1 | 4.6 | 4.0 |
| 050-070 | 6.1 | 4.2 | .6 | | | | | | | | | 11.0 | 4.6 | 4.0 |
| (E) 080-100 | 1.9 | 1.6 | | | | | | | | | | 3.5 | 4.1 | 4.0 |
| 110-130 | 1.8 | .5 | | .1 | | | | | | | | 2.5 | 3.6 | 2.0 |
| 140-160 | .8 | .3 | .1 | .3 | | | | | | | | 1.5 | 6.9 | 4.5 |
| (5) 170-190 | 1.9 | .4 | 1.0 | .2 | .3 | | | | | | | 3.9 | 7.3 | 5.0 |
| 200-220 | 1.6 | .3 | .8 | .1 | | | | | | | | 2.8 | 5.8 | 2.5 |
| 230-250 | 1.1 | .1 | .1 | | | | | | | | | 1.3 | 3.4 | 2.5 |
| (W) 260-280 | 1.6 | .2 | -2 | .1 | | | | | | | | 2.2 | 5.1 | 4.0 |
| 290-310 | 2.2 | .6 | | .4 | | | | | | | | 3.2 | 5.0 | 3.0 |
| 320-340 | 3.0 | .6 | .2 | .1 | | | | | | | | 4.0 | 3.9 | 2.0 |
| VARIABLE | | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | ••••• |
| CALM | ,,,,,,, | ////// | ////// | ,,,,,, | ,,,,,, | ////// | ////// | ////// | ////// | ////// | ,,,,,,, | 43.8 | ///// | ///// |
| TOTALS | 35.0 | 13.9 | 4.8 | 1.5 | .5 | .1 | | | | | | 100.0 | 2.7 | 3.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN HOURS: 03-05

| | | | | | WIND 8 | PEED IN | KNOTS | | | | | | | |
|------------------------|--------------|-------------|--------|---------|-------------|---------------|---------------|---------------|---------------|--------|---------|-------|---------------|---------------|
| DIRECTION (DECREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | . 5-39 | 40-49 | 50-64 | GE 65 | TOTAL | mran Wind | MEDIA WIND |
| (N) 350-010 | 6.6 | 1.6 | .8 | .1 | • • • • • • | • • • • • • • | .1 | ••••• | • • • • • • • | ••••• | | 9.1 | 4.1 | 2.0 |
| 020-040 | 6.8 | 2.0 | .9 | .1 | .1 | | | | | | | 9.9 | 4.3 | 3.0 |
| 050-070 | 4.8 | 3.8 | 1.0 | | | | | | | | | 9.6 | 5.1 | 4.0 |
| (E) 080-100 | 1.2 | 1.6 | | | | | | | | | | 2.8 | 4.2 | 5.0 |
| 110-130 | 1.9 | .4 | | | | | | | | | | 2.4 | 3.1 | 3.0 |
| 140-160 | 1.2 | .3 | | .1 | | | | | | | | 1.6 | 3.7 | 2.0 |
| (8) 170-190 | 1.7 | .9 | 1.1 | .1 | .2 | .1 | | | | | | 4.1 | 7.8 | 7.0 |
| 200-220 | 1.9 | .6 | | .3 | | | | | | | | 2.9 | 4.9 | 3.0 |
| 230-250 | 2.0 | | .1 | | | | | | | | | 2.2 | 2.5 | 2.0 |
| (W) 260-280 | 1.5 | .1 | .2 | | | | | | | | | 1.8 | 4.0 | 3.0 |
| 290-310 | 3.7 | 1.0 | .4 | .2 | .1 | | | | | | | 5.4 | 4.9 | 3.0 |
| 320-340 | 3.4 | 1.1 | .4 | | | | | | | | | 4.9 | 4.2 | 3.0 |
| VARIABLE | <u> </u> | • • • • • • | •••••• | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | ••••• |
| CALP! | ,,,,,,, | ////// | ,,,,,, | /////// | ////// | ,,,,,,, | ,,,,,,, | ////// | /////// | ////// | /////// | 43.3 | ///// | ///// |
| TOTALS | 36.7 | 13.4 | 4.9 | .9 | .4 | .1 | .1 | | | | | 100.0 | 2.6 | 3.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: JAN HOURS: 06-08

| | | LS | TTOUT | .c: + 8 | | | | | MONTE | i: Jan | HOUR | S: 06-08 | 3 | |
|------------------------|---------------------|--------|--------|---------------|--------|---------------|-------------|---------------|---------------|---------------|---------|---------------|--------------|----------------|
| ••••• | • • • • • • • • • | ••••• | ••••• | • • • • • • • | WIND S | PEED IN | KNOTS | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • • | ••••• | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | | 30-34 | 35~39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| ••••• | · · · · · · · · · · | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • | • • • • • • • |
| (N) 350-010 | 5.7 | .5 | 1.2 | .1 | .1 | | | | | | | 7.6 | 4.5 | 2.0 |
| 020-040 | 5.7 | 1.9 | 1.2 | .1 | .1 | | | | | | | 9.0 | 4.6 | 3.0 |
| 050-070 | 5.3 | 2.0 | .8 | | | | | | | | | 8.1 | 4.2 | 3.0 |
| (E) 080-100 | 3.0 | .6 | | | | | | | | | | 3.7 | 3.0 | 3.0 |
| 110-130 | 1.4 | .2 | .1 | | | | | | | | | 1.7 | 3.4 | 2.0 |
| 140-160 | .9 | -2 | .1 | | .1 | | | | | | | 1.3 | 5.1 | 2.5 |
| (8) 170-190 | 1.1 | .3 | .4 | .6 | .1 | | | | | | | 2.6 | 9.0 | 9.0 |
| 200-220 | 1.8 | .6 | .3 | | | .1 | | | | | | 2.9 | 5.4 | 4.0 |
| 230-250 | 1.6 | -1 | | | | | | | | | | 1.7 | 2.1 | 2.0 |
| (W) 260-280 | 1.3 | .3 | .2 | | | | | | | | | 1.8 | 4.1 | 3.0 |
| 290-310 | 3.4 | .5 | .5 | .2 | | | | | | | | 4.7 | 4.6 | 2.5 |
| 320-340 | 3.0 | .5 | .8 | .1 | | | | | | | | 4.4 | 4.8 | 3.0 |
| VARIABLE | <u> </u> | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | | | ••••• | ****** |
| CALM | ,,,,,,, | ////// | ////// | /////// | ////// | ////// | /////// | ''''' | /////// | ''''' | '////// | 50.4 | ///// | ////// |
| TOTALS | 34.2 | 7.7 | 5.6 | 1.1 | .4 | .1 | | | | | | .100.0 | 2.3 | 3.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN BOURS: 09-11

| | | _ | | | | | | | | | | | _ | |
|---|---------|-------------|---------|----------|--------|---------|-------------|---------------|---------------|---------------|---------|-------|--------------|----------------|
| *************************************** | ••••• | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | RNOTS | • • • • • • | • • • • • • | • • • • • • • | ••••• | | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (M) 350-010 | 2.0 | 1.2 | 2.0 | .5 | .1 | .1 | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | 6.0 | 8.4 | 8.5 |
| 020-040 | 1.7 | 2.7 | 2.2 | .5 | | | | | | | | 7.1 | 8.1 | 8.0 |
| 050-070 | 3.5 | 3.9 | .5 | | | | | | | | | 8.0 | 5.3 | 6.0 |
| (E) 080-100 | 2.9 | 1.2 | .1 | | | | | | | | | 4.2 | 3.8 | 3.0 |
| 110-130 | 1.9 | .1 | | .2 | | | | | | | | 2.3 | 3.7 | 2.0 |
| 140-160 | 2.2 | .4 | .8 | .1 | | | | | | | | 3.4 | 5.3 | 4.0 |
| (8) 170-190 | 3.9 | .4 | .3 | .4 | .2 | | | | | | | 5.3 | 5.3 | 3.0 |
| 200-220 | 6.8 | .5 | .2 | .2 | .4 | .1 | .1 | | | | | 8.4 | 4.6 | 2.0 |
| 230-250 | 3.0 | .3 | .1 | | | | | | | | | 3.4 | 2.9 | 2.0 |
| (W) 260-280 | 2.0 | .4 | .2 | | | | | | | | | 2.7 | 3.9 | 3.0 |
| 290-310 | 2.3 | .6 | .4 | .3 | .1 | .1 | | | | | | 3.9 | 6.2 | 2.5 |
| 320-340 | 1.6 | .6 | .6 | .1 | | | | | | | | 3.6 | 6.1 | 4.0 |
| VARIABLE | i | | | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ,,,,,,, | ////// | ////// | /////// | ////// | ,,,,,,, | /////// | ,,,,,, | ,,,,,,, | 42.4 | ///// | ,,,,,, |
| TOTALS | 33.8 | 12.3 | 7.4 | 2.3 | .8 | .3 | .1 | | | | | 100.0 | 3.2 | 4.0 |
| | | | 700 | TAI. MID | BER OF | CRSERVA | PTOMR | 930 | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN HOURS: 12-14

| ••••• | • • • • • • • • | • • • • • • | ••••• | ••••• | WIND S | PRED IN | KNOTS | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
|------------------------|-----------------|-------------|--------|-------------|--------|---------|--------|---------------|---------|---------------|---------|---------------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 1.7 | 1.6 | 2.4 | 1.0 | .4 | .2 | ••••• | ••••• | ••••• | ••••• | ••••• | 7.3 | 10.2 | 10.0 |
| 020-040 | 3.5 | 4.9 | 6.2 | 1.1 | .2 | | | | | | | 16.0 | 8.6 | 8.0 |
| 050-070 | 5.5 | 8.1 | 2.2 | | | | | | | | | 15.7 | 6.1 | 6.0 |
| (E) 080-100 | 3.1 | 2.0 | .2 | | .1 | | | | | | | 5.5 | 4.6 | 4.0 |
| 110-130 | 1.9 | 1.2 | .2 | | | | | | | | | 3.3 | 4.3 | 4.0 |
| 140-160 | 2.2 | .2 | .3 | | | | | | | | | 2.7 | 3.5 | 2.0 |
| (8) 170-190 | 3.3 | .5 | .9 | .6 | .4 | | | | | | | 5.8 | 7.2 | 4.0 |
| 200-220 | 4.3 | .1 | .3 | .8 | .2 | .1 | | | | | | 5.8 | 5.9 | 2.0 |
| 230-250 | 2.0 | .4 | .1 | .3 | .2 | | | | | | | 3.1 | 5.8 | 2.0 |
| (W) 260-280 | 1.4 | .5 | .2 | | | | | | | | | 2.2 | 4.4 | 3.5 |
| 290-310 | 1.4 | .3 | .6 | .1 | .4 | | | | | | | 2.9 | 8.1 | 5.0 |
| 320-340 | 1.3 | .5 | | | | | | | | | | 1.8 | 3.0 | 2.0 |
| | | • • • • • • | ••••• | • • • • • • | ••••• | | ••••• | • • • • • • • | ••••• | | ••••• | • • • • • • • | | ••••• |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | //////// | '///// | ////// | /////// | ////// | /////// | ////// | '////// | /////// | /////// | /////// | 27.8 | ////// | ////// |
| TOTALS | 31.6 | 20.3 | 13.6 | 3.9 | 1.9 | .3 | | | | | | 100.0 | 4.9 | 6.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN BOURS: 15-17

| | | | | | | PEED IN | | | | | | | | ••••• |
|------------------------|---------|-------|--------|---------|-------------|---------|--------|---------|--------|---------|---------|-------|-------------|--------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | WEAN | MEDIAN |
| (M) 350-010 | .9 | 2.7 | 1.8 | .5 | • • • • • • | .1 | ••••• | ••••• | ••••• | ••••• | ••••• | 6.0 | 9.2 | 8.0 |
| 020-040 | 3.8 | 6.8 | 4.1 | .6 | .6 | | | | | | | 15.9 | 8.2 | 8.0 |
| 050-070 | 9.4 | 9.9 | .9 | | | | | | | | | 20.1 | 5.2 | 5.0 |
| (E) 080-100 | 6.5 | 1.4 | | | | | | | | | | 7.8 | 3.2 | 3.0 |
| 110-130 | 3.3 | .9 | .3 | | | | | | | | | 4.5 | 4.2 | 4.0 |
| 140–160 | 1.5 | .3 | .2 | .2 | .1 | | | | | | | 2.4 | 5.9 | 3.5 |
| (8) 170-190 | 1.9 | .9 | .3 | .6 | .1 | .2 | | | | | | 4.1 | 7.9 | 5.0 |
| 200-220 | 3.2 | .6 | 1.1 | .5 | | | | | | | | 5.5 | 6.2 | 4.0 |
| 230-250 | .8 | | .4 | .2 | | | | | | | | 1.4 | 7.3 | 3.0 |
| (W) 260-280 | 1.8 | .3 | .2 | | | | | | | | | 2.4 | 3.6 | 2.0 |
| 290-310 | 1.7 | .1 | 1.0 | .5 | | | | | | | | 3.3 | 7.4 | 4.0 |
| 320-340 | 1.1 | .1 | | | | | | | | | | 1.2 | 2.5 | 3.0 |
| VARIABLE | | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• |
| CALM | /////// | ///// | ////// | ,,,,,,, | ,,,,,, | ////// | ////// | /////// | ////// | /////// | ,,,,,,, | 25.4 | ///// | ////// |
| TOTALS | 35.9 | 24.0 | 10.3 | 3.1 | .8 | .3 | | | | | | 100.0 | 4.6 | 5.0 |

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN HOURS: 18-20

| *********** | • • • • • • • • | ••••• | ••••• | | WIND S | PEED IN | KNOTS | ••••• | | | •••••• | • • • • • • • | ••••• | |
|------------------------|-----------------|-------------|----------|---------|---------|---------|--------|-------|-------------|-------------|---------------|---------------|--------------|----------------|
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | WEDIAN WIND |
| (M) 350-010 | 13.5 | 1.9 | .6 | .1 | ••••• | ••••• | •••••• | ••••• | • • • • • • | ••••• | •••••• | 16.2 | 3.5 | 3.0 |
| 020-040 | 14.4 | 5.6 | 1.2 | .5 | .1 | | | | | | | 21.8 | 4.5 | 3.0 |
| 050-070 | 9.2 | 5.3 | .2 | .3 | | | | | | | | 15.1 | 4.5 | 4.0 |
| (E) 080-100 | 1.7 | 1.1 | .2 | | | | | | | | | 3.0 | 4.3 | 4.0 |
| 110-130 | .9 | .5 | .1 | -1 | | | | | | | | 1.6 | 4.9 | 4.0 |
| 140-160 | .5 | .3 | .8 | | | | | | | | | 1.6 | 7.6 | 9.0 |
| (8) 170-190 | .5 | 1.3 | .6 | .4 | .1 | .1 | | | | | | 3.1 | 9.8 | 8.0 |
| 200-220 | .3 | .6 | .2 | .1 | | | | | | | | 1.3 | 7.4 | 7.0 |
| 230-250 | .5 | .4 | .1 | | | | | | | | | 1.1 | 4.7 | 4.5 |
| (W) 260-280 | .8 | .2 | .3 | .1 | .1 | | | .1 | | | | 1.6 | 9.0 | 5.0 |
| 290-310 | 1.1 | .9 | .4 | | | | | | | | | 2.4 | 5.4 | 5.0 |
| 320-340 | 3.3 | .5 | .3 | | | | | | | | | 4.2 | 3.6 | 2.0 |
| VARIABLE | ! ! | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • | ••••• |
| CALM | //////// | ,,,,,, | ,,,,,,,, | ,,,,,,, | /////// | ,,,,,,, | ////// | | ,,,,,,,, | ,,,,,,,, | ,,,,,,, | 27.0 | ///// | 111111 |
| | | | | | | | | | | | | | | |
| TOTALS | 46.7 | 18.6 | 5.0 | 1.6 | .3 | .1 | | .1 | | | | 100.0 | 3.4 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | LS | T TO UI | C: + 8 | | J. 22 V | 202 | | MONTE | : JAN | BOUR | B: 21-23 | 3 | • |
|------------------------|-------------------------------------|-------------|-------------|--------|---------|---------|---------------|--------|-----------------|--------|---------------|---------------|--------------|----------------|
| •••••• | • • • • • • • • • | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | * * * * * * * * | ••••• | ••••• | • • • • • • • | ••••• | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | wean Mean | MEDIAN WIND |
| (N) 350-010 | 8.5 | 1.5 | .8 | .3 | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | 11.1 | 4.0 | 3.0 |
| 020-040 | 8.4 | 4.4 | 1.7 | .2 | .2 | | | | | | | 14.9 | 5.2 | 4.0 |
| 050~070 | 5.6 | 4.3 | .6 | | | | | | | | | 10.5 | 5.0 | 4.0 |
| (E) 080-100 | 1.6 | .9 | | | | | | | | | | 2.5 | 3.9 | 3.0 |
| 110~130 | 1.4 | | .1 | | | | | | | | | 1.5 | 2.9 | 2.0 |
| 140-160 | .8 | .8 | .4 | .1 | | | | | | | | 2.0 | 6.3 | 6.0 |
| (8) 170~190 | 1.0 | 1.1 | .9 | .6 | .1 | | | | | | | 3.7 | 8.9 | 8.0 |
| 200-220 | 1.5 | .4 | .2 | .1 | | | | | | | | 2.3 | 4.8 | 3.0 |
| 230-250 | .8 | | .1 | | | | | | | | | .9 | 2.8 | 2.0 |
| (W) 260-280 | 1.3 | | .3 | .3 | .1 | | | | | | | 2.0 | 6.5 | 2.0 |
| 290-310 | 2.2 | .2 | .2 | | .1 | | | | | | | 2.7 | 4.7 | 3.0 |
| 320-340 | 4.5 | .8 | .2 | | | | | | | | | 5.5 | 3.2 | 2.0 |
| VARIABLE | I | ••••• | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | ///// | ////// | ////// | /////// | /////// | ////// | ////// | /////// | ////// | /////// | 40.4 | ///// | ////// |
| TOTALS | 37.6 | 14.4 | 5.5 | 1.6 | .5 | | | | | | | 100.0 | 2.9 | 4.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION HAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 HOWTH: JAN HOURS: ALL

| *********** | • • • • • • • • • | ••••• | **** | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | • • • • • • • | | ••••• | • • • • • • • | • • • • • • | ••••• |
|-----------------|-------------------|--------|---------|---------|---------|---------|--------|-------------|---------------|---------|---------|---------------|-------------|--------|
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | | | ••••• | | | WIND | WIND |
| *********** | | | | | | | | | | | | • • • • • • • | | |
| (M) 350-010 | 5.8 | 1.6 | 1.3 | .4 | .1 | .1 | .0 | | | | | 9.2 | 5.5 | 3.0 |
| 020-040 | 6.3 | 4.0 | 2.3 | .4 | .2 | | | | | | | 13.1 | 6.0 | 5.0 |
| 050-070 | 6.2 | 5.2 | .8 | .0 | | | | | | | | 12.2 | 5.1 | 4.0 |
| (E) 080-100 | 2.7 | 1.3 | .1 | | .0 | | | | | | | 4.1 | 3.8 | 3.0 |
| 110-130 | 1.8 | .5 | .1 | .1 | | | | | | | | 2.5 | 3.8 | 3.0 |
| 140-160 | 1.2 | .4 | .3 | .1 | .0 | | | | | | | 2.1 | 5.4 | 4.0 |
| (8) 170-190 | 1.9 | .7 | .7 | .5 | .2 | .1 | | | | | | 4.1 | 7.7 | 6.0 |
| 200-220 | 2.7 | .5 | .4 | .3 | .1 | .0 | .0 | | | | | 4.0 | 5.4 | 3.0 |
| 230-250 | 1.5 | .2 | .1 | .1 | .0 | | | | | | | 1.9 | 3.9 | 2.0 |
| (W) 260-280 | 1.5 | .3 | .2 | .1 | .0 | | | .0 | | | | 2.1 | 4.9 | 3.0 |
| 290- 310 | 2.2 | .5 | .5 | .2 | .1 | .0 | | | | | | 3.6 | 5.7 | 3.0 |
| 320-340 | 2.7 | .6 | .3 | .0 | | | | | | | | 3.6 | 4.0 | 3.0 |
| VARIABLE | : | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,,, | ////// | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,, | | ,,,,,,, | /////// | ,,,,,,, | 37.6 | ///// | ///// |
| TOTALS | 36.5 | 15.8 | 7.1 | 2.2 | .7 | .2 | | | | | | 100.0 | 3.3 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

| | ******** | | | | | | | | | | | CPIDING | | |
|-------------|---|-------------|---------------|---------------|---------|------------------|-------------|---------|---------------|--------|---------------|-------------|-------------|--------|
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | | PEED IN 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | 1 | • | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | * | MIND | WIND |
| (W) 350-010 | | • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• | ••••• | | • • • • • • • | ••••• | • • • • • • | ••••• |
| 020-040 | 3.3 | 10.0 | 6.7 | | 3.3 | | | | | | | 23.3 | 10.0 | 8.0 |
| 050-070 | | 6.7 | | | | | | | | | | 6.7 | 7.0 | 7.0 |
| (B) 080-100 | | 6.7 | 3.3 | | | | | | | | | 10.0 | 9.7 | 8.0 |
| 110-130 | 6.7 | | | | | | | | | | | 6.7 | 4.0 | 4.0 |
| 140-160 | | | | | | | | | | | | | | |
| (8) 170-190 | 6.7 | | | | | | | | | | | 6.7 | 2.5 | 2.5 |
| 200-220 | 13.3 | | | | | | | | | | | 13.3 | 2.5 | 2.0 |
| 230-250 | | 3.3 | | | | | | | | | | 3.3 | 5.0 | 5.0 |
| (W) 260-280 | | 6.7 | | | | | | | | | | 6.7 | 8.0 | 8.0 |
| 290-310 | | | | | | | | | | | | | | |
| 320-340 | | | | | | | | | | | | | | |
| | : • • • • • • • • • • • • • • • • • • • | | | • • • • • • • | ••••• | | • • • • • • | ••••• | • • • • • • • | | ••••• | • • • • • • | | |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | /////// | '///// | ''''' | 1111111 | /////// | '////// | ////// | '////// | /////// | ////// | '////// | 23.3 | ////// | ///// |
| TOTALS | 30.0 | 33.4 | 10.0 | | 3.3 | | | | | | | 100.0 | 5.2 | 6.0 |
| | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 30

C - 4 - 10

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION MANUER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LS | T TO UI | C: + 8 | | | | | HOWIE | : FEB | BOUR | s: 00-02 | 2 | |
|------------------------|-------------------|--------|---------|--------|----------|-----------|---------|---------------|---------|-----------------|----------|---------------|--------------|----------------|
| | • • • • • • • • • | ••••• | ••••• | ••••• | WITHIN C | EPEED IN | THAT | ••••• | ••••• | • • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | Mean Wind | MEDIAN WIND |
| (N) 350-010 | 7.4 | 1.7 | 1.3 | .4 | ••••• | .1 | ••••• | • • • • • • • | ••••• | | ••••• | 10.9 | 4.9 | 3.0 |
| 020-040 | 6.6 | 4.6 | 1.4 | .5 | | | | | | | | 13.1 | 5.4 | 4.0 |
| 050-070 | 5.2 | 5.3 | 1.2 | .1 | | | | | | | | 11.8 | 5.3 | 5.0 |
| (E) 060-100 | 1.9 | .8 | .1 | | | | | | | | | 2.8 | 4.0 | 4.0 |
| 110–130 | .7 | .4 | .1 | .2 | | | | | | | | 1.4 | 6.9 | 5.0 |
| 140-160 | .7 | .6 | .7 | .1 | | | | | | | | 2.1 | 7.3 | 6.5 |
| (8) 170-190 | .7 | .7 | 1.7 | 1.3 | .2 | | | | | | | 4.6 | 11.5 | 12.0 |
| 200-220 | 1.8 | .6 | .6 | .4 | .1 | | | | | | | 3.4 | 6.8 | 4.0 |
| 230-250 | 1.3 | .1 | | | | | | | | | | 1.4 | 2.3 | 2.0 |
| (W) 260-280 | 1.8 | .4 | .2 | | | | | | | | | 2.4 | 3.8 | 3.5 |
| 290-310 | 2.2 | .5 | | .4 | .6 | .1 | | | | | | 3.8 | 8.2 | 3.5 |
| 320-340 | 2.6 | .8 | .6 | .1 | | | | | | | | 4.1 | 4.7 | 4.0 |
| VARIABLE | : ! | •••• | ••••• | | ••••• | | | ••••• | ••••• | | ••••• | ••••• | • • • • • • | |
| CALM | ,,,,,,, | ////// | | | | ,,,,,,,, | /////// | '''' | /////// | /////// | ,,,,,,,, | 38.1 | ///// | ////// |
| TOTALS | 32.9 | 16.5 | 7.9 | 3.5 | .9 | .2 | | | | | | 100.0 | 3.6 | 4.0 |
| | • | | _ | | DPD 00 | ODG BOX D | | 0.16 | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: FEB HOURS: 03-05

| •••••• | | ••••• | ••••• | ••••• | | PEED IN | | | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• |
|------------------------|---------|--------|--------|--------|---------|---------|--------|---------|---------------|---------|---------|-------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 5.6 | 1.5 | 1.1 | .1 | .1 | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | 8.4 | 4.6 | 3.0 |
| 020-040 | 5.4 | 3.5 | 2.2 | .4 | .1 | | | | | | | 11.7 | 6.2 | 5.0 |
| 050-070 | 5.9 | 3.4 | .7 | | | | | | | | | 10.0 | 4.6 | 4.0 |
| (B) 080-100 | 1.8 | .6 | .1 | | | | | | | | | 2.5 | 3.9 | 3.0 |
| 110-130 | 1.9 | .4 | .1 | .4 | | | | | | | | 2.7 | 5.1 | 2.0 |
| 140-160 | .8 | .5 | .1 | .4 | | | | | | | | 1.8 | 7.3 | 7.0 |
| (8) 170-190 | 1.3 | .5 | 2.0 | 1.1 | .1 | | | | | | | 5.0 | 10.3 | 12.0 |
| 200-220 | 1.4 | 1.1 | .5 | .2 | | | | | | | | 3.2 | 5.9 | 5.0 |
| 230-250 | 1.3 | | .1 | | .1 | | | | | | | 1.5 | 4.2 | 2.0 |
| (W) 260-280 | 2.2 | .4 | .1 | .4 | | | | | | | | 3.1 | 4.5 | 2.0 |
| 290-310 | 3.0 | .9 | .9 | .1 | .5 | | | | | | | 5.4 | 6.7 | 4.0 |
| 320-340 | 3.5 | .9 | | | | | | | | | | 4.5 | 2.9 | 2.0 |
| VARIABLE | : | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | |
| CALM | ,,,,,,, | ////// | ,,,,,, | ////// | ,,,,,,, | ,,,,,,, | ////// | /////// | /////// | /////// | ,,,,,,, | 40.2 | ///// | 111111 |
| TOTALS | 34.1 | 13.7 | 7.9 | 3.1 | .9 | | | | | | | 100.0 | 3.3 | 4.0 |
| | | | | | | | | | | | | | | |

••••••

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: FEB HOURS: 06-08

| ••••• | • • • • • • • • | ••••• | ••••• | ••••• | | PEED IN | | ••••• | ••••• | ••••• | ••••• | • • • • • • | • • • • • • | ••••• |
|------------------------|-----------------|--------|---------|---------|--------|---------------|--------|---------------|--------|--------|-------------|-------------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15~19 | | | | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 5.1 | 1.1 | .5 | .2 | .1 | .1 | ••••• | • • • • • • • | ••••• | ••••• | ••••• | 7.1 | 4.7 | 2.0 |
| 020-040 | 4.7 | 3.3 | 1.2 | .1 | .1 | | | | | | | 9.5 | 5.3 | 4.5 |
| 050-070 | 3.7 | 4.1 | .5 | | | | | | | | | 8.3 | 5.0 | 5.0 |
| (E) 080-100 | 1.9 | .6 | | | | | | | | | | 2.5 | 2.8 | 2.0 |
| 110-130 | 2.0 | .4 | .4 | .1 | | | | | | | | 2.8 | 4.3 | 2.0 |
| 140-160 | 1.9 | .5 | .7 | .2 | | | | | | | | 3.3 | 6.0 | 3.0 |
| (8) 170-190 | 1.2 | 1.9 | 1.7 | 1.1 | | | | | | | | 5.8 | 9.4 | 9.0 |
| 200-220 | 1.5 | .5 | .1 | | .1 | | | | | | | 2.2 | 4.4 | 3.0 |
| 230-250 | 1.4 | .1 | | | | | | | | | | 1.5 | 2.8 | 2.0 |
| (W) 260-280 | 2.2 | .4 | | .1 | | | | | | | | 2.7 | 3.3 | 2.0 |
| 290-310 | 2.8 | 1.9 | .8 | .1 | .5 | .2 | | | | | | 6.4 | 7.4 | 5.0 |
| 320-340 | 2.6 | .6 | .7 | | | | | | | | | 3.9 | 4.2 | 2.0 |
| VARIABLE | | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,, | /////// | /////// | ////// | /////// | ////// | /////// | ////// | ////// | /////// | 44.0 | ///// | ////// |
| TOTALS | 31.0 | 15.4 | 6.6 | 1.9 | .8 | .3 | | | | | | 100.0 | 3.1 | 4.0 |

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91

| | MONTE | : PBB | BOUR | 8: 09-11 | ι . | • | | | | | | | | |
|------------------------|-----------------|-------------|--------|----------|--------|-------------|---------|--------|---------|--------|---------------|---------------|--------------|----------------|
| | • • • • • • • • | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MIND MEYN | MEDIAN WIND |
| (N) 350-010 | 2.1 | 1.3 | 3.7 | .8 | .2 | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | 8.2 | 9.2 | 10.0 |
| 020-040 | 2.8 | 4.4 | 4.5 | .8 | | | | | | | | 12.5 | 8.3 | 9.0 |
| 050-070 | 2.7 | 4.8 | 2.1 | | | | | | | | | 9.7 | 6.8 | 7.0 |
| (E) 080-100 | 2.7 | 2.2 | .2 | | | | | | | | | 5.2 | 4.5 | 4.0 |
| 110-130 | 1.4 | .7 | .4 | | | | | | | | | 2.5 | 4.9 | 4.0 |
| 140-160 | 2.5 | .4 | .2 | .6 | | | | | | | | 3.7 | 5.5 | 3.0 |
| (8) 170-190 | 3.2 | .5 | 1.3 | 1.2 | .6 | .1 | .1 | | | | | 7.0 | 9.5 | 5.0 |
| 200-220 | 4.4 | .6 | .6 | -4 | .1 | .1 | | | | | | 6.1 | 5.2 | 2.0 |
| 230-250 | 2.5 | .5 | .2 | | | | | | | | | 3.2 | 3.6 | 3.0 |
| (W) 260-280 | 1.7 | .6 | .4 | | .1 | | | | | | | 2.7 | 5.2 | 3.0 |
| 290-310 | .7 | .8 | .7 | .8 | .5 | .6 | | | | | | 4.1 | 13.4 | 14.0 |
| 320-340 | .6 | .7 | .4 | | | | | | | | | 1.9 | 5.3 | 5.0 |
| VARIABLE | : | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ///// | ,,,,,, | ,,,,,, | ,,,,,, | ,,,,,, | ,,,,,,, | ////// | /////// | ////// | ,,,,,,, | 33.2 | ///// | ///// |
| TOTALS | 27.5 | 17.5 | 14.7 | 4.6 | 1.5 | .8 | .1 | | | | | 100.0 | 4.9 | 6.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: FEB HOURS: 12-14 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN DIRECTION (DECREES) • WIND WIND ••••••••••••••••••••••••••••••••••••• (N) 350-010 2.5 1.9 2.1 1.5 8.0 8.8 8.0 020-040 3.7 6.6 7.0 1.3 .5 19.0 8.9 8.0 6.0 050-070 5.3 7.9 4.0 17.3 6.6 .7 (E) 080-100 4.5 4.1 9.3 4.9 5.0 1.7 110-130 3.0 .6 .1 5.3 5.2 4.0 140-160 2.0 .7 .2 .1 .1 3.2 5.2 3.0 (8) 170-190 2.7 1.1 .8 7.6 4.0 -1 200-220 2.8 .9 .9 .5 .4 .5 .1 .1 6.3 10.1 7.0 230-250 2.2 .1 .5 .1 3.0 7.4 3.0 (W) 260-280 .5 .7 1.1 .4 .2 9.5 8.5 290-310 1.7 .4 .2 .4 1.1 10.8 6.0 320-340 .7 1.2 .2 2.1 5.1 4.0 VARIABLE CALM TOTALS 32.7 26.1 17.4 5.4 2.9 100.0 6.5 .6 .1 .2 TOTAL NUMBER OF OBSERVATIONS 846

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTH: FEB HOURS: 15-17

| | | 160 | 1 10 01 | C: + 0 | | | | | HONTE | ii PBB | DOOR | 5: 15 - 1/ | * | | |
|------------------------|---------------------|-------------|---------|----------|--------|---------|-------------|---------|-------------|--------|---------|-----------------------|--------------|----------------|--|
| | WIND SPEED IN KNOTS | | | | | | | | | | | | | | |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | wind Mean | MEDIAN WIND | |
| (N) 350-010 | 1.4 | 2.2 | 2.7 | .2 | .1 | ••••• | • • • • • • | ••••• | ••••• | ••••• | ••••• | 6.7 | 8.5 | 9.0 | |
| 020-040 | 5.4 | 8.0 | 5.4 | .9 | | | | | | | | 19.9 | 7.5 | 8.0 | |
| 050-070 | 8.4 | 7.6 | .9 | | | | | | | | | 16.9 | 5.1 | 5.0 | |
| (E) 080-100 | 4.0 | 3.5 | .6 | .1 | | | | | | | | 8.3 | 5.0 | 5.0 | |
| 110-130 | 3.0 | 2.4 | .8 | | .1 | | | | | | | 6.3 | 5.7 | 5.0 | |
| 140-160 | 2.1 | .8 | .6 | | | .1 | | | | | | 3.7 | 5.4 | 4.0 | |
| (8) 170-190 | 2.7 | .7 | 1.5 | .4 | .2 | .1 | | | | | | 5.7 | 7.8 | 5.0 | |
| 200-220 | 4.0 | .7 | 1.1 | .6 | .6 | .4 | .2 | | | | | 7.6 | 9.0 | 4.0 | |
| 230-250 | 1.1 | .4 | .4 | .2 | .5 | .1 | | | | | | 2.6 | 9.8 | 8.0 | |
| (W) 260-280 | 1.4 | .2 | .8 | .5 | .1 | .1 | | | | | | 3.2 | 8.8 | 8.0 | |
| 290-310 | 1.2 | .4 | .4 | .7 | .2 | | | | | | | 2.8 | 9.3 | 7.5 | |
| 320-340 | .4 | .7 | .5 | .1 | .1 | | | | | | | 1.8 | 9.2 | 8.0 | |
| VARIABLE | : | • • • • • • | | ••••• | ••••• | •••••• | ••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | • • • • • • | ••••• | |
| CALM | /////// | ////// | /////// | /////// | ////// | /////// | ////// | /////// | /////// | ////// | /////// | 14.7 | ///// | ///// | |
| TOTALS | 35.1 | 27.6 | 15.7 | 3.7 | 1.9 | .8 | .2 | | | | | 100.0 | 6.0 | 6.0 | |
| | | | TO | TAI. NUM | BER OF | OBSERVA | TIOMS | 846 | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: FEB HOURS: 18-20

| WIND SPEED IN KNOTS | | | | | | | | | | | | | | ••••• |
|------------------------|---------|-------------|---------|---------|--------|--|--------|---------|--------|-------------|---------------|-------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 10.0 | 3.0 | 1.2 | .2 | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | 14.4 | 4.5 | 4.0 |
| 020-040 | 13.2 | 5.9 | 2.6 | .1 | .1 | | | | | | | 22.0 | 4.9 | 4.0 |
| 050-070 | 8.7 | 4.3 | .8 | | | | | | | | | 13.8 | 4.5 | 4.0 |
| (E) 080-100 | 2.4 | .8 | | | | | | | | | | 3.2 | 3.4 | 3.0 |
| 110-130 | 1.1 | .4 | .4 | | | | | | | | | 1.8 | 5.2 | 4.0 |
| 140-160 | 1.2 | .8 | .2 | .2 | .1 | .1 | .1 | | | | | 2.8 | 8.7 | 6.0 |
| (8) 170-190 | 1.2 | 1.4 | 2.0 | .7 | .2 | .2 | | | | | | 5.8 | 10.3 | 10.0 |
| 200-220 | 1.3 | .6 | .7 | .4 | .1 | .1 | | .1 | | | | 3.3 | 9.5 | 8.0 |
| 230-250 | .6 | .1 | .4 | | | | | | | | | 1.1 | 6.8 | 4.0 |
| (W) 260-280 | .8 | .4 | .4 | | | | | | | | | 1.5 | 6.3 | 4.0 |
| 290-310 | 1.4 | .5 | .5 | .1 | | .1 | | | | | | 2.6 | 7.0 | 4.0 |
| 320-340 | 2.0 | 1.2 | .4 | | | | | | | | | 3.5 | 4.9 | 4.0 |
| VARIABLE | ! ! | • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | | • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | /////// | /////// | ////// | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ////// | /////// | ////// | /////// | ,,,,,,, | 24.1 | ///// | ////// |
| TOTALS | 43.9 | 19.4 | 9.6 | 1.7 | .5 | .5 | .1 | .1 | | | | 100.0 | 4.2 | 4.0 |
| ZVZ/IIIO | 1 43.9 | 43.4 | 9.0 | 1.7 | .5 | .5 | •1 | .1 | | | | 100.0 | 4.2 | 4.0 |

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 ~ SEP 91
LST TO'UTC: + 8 HOURS: 21-23

| | | 160 | 11 TU U1 | C: + 8 | | | | | HOMIT | : FEB | BOUK | 8: 21-2. | • | |
|------------------------|---------------|--------|----------|---------------|------------------------|---------------|-------------|--------|---------------|---------------|---------------|----------|--------------|--------|
| •••••• | • • • • • • • | | | | WIMD 8 | SPEED IN | KNOTS | | | • • • • • • | • • • • • • • | | • • • • • • | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | wind Mean | WEDIAN |
| (N) 350-010 | 8.0 | 1.9 | 1.4 | .4 | • • • • • • | •••••• | ••••• | | • • • • • • • | • • • • • • • | ••••• | 11.7 | 4.6 | 3.0 |
| 020-040 | 8.0 | 3.9 | 2.0 | .6 | | | | | | | | 14.5 | 5.4 | 4.0 |
| 050-070 | 5.6 | 7.1 | 1.1 | .1 | | | | | | | | 13.8 | 5.2 | 5.0 |
| (E) 080-100 | 1.8 | 1.7 | .1 | | | | | | | | | 3.5 | 4.4 | 4.5 |
| 110-130 | .9 | .1 | | .2 | .1 | | | | | | | 1.4 | 6.9 | 3.5 |
| 140-160 | 1.1 | .6 | .8 | .5 | | .1 | | | | | | 3.1 | 9.1 | 7.5 |
| (8) 170-190 | 1.2 | 2.0 | 2.2 | .5 | | .1 | | | | | | 6.0 | 9.1 | 9.0 |
| 200-220 | 1.5 | .6 | .5 | .7 | .1 | .1 | | | | | | 3.5 | 8.8 | 6.5 |
| 230-250 | 1.4 | .2 | .1 | .1 | | | | | | | | 1.9 | 4.4 | 2.0 |
| (W) 260-280 | .7 | .2 | .1 | .4 | | | .1 | | | | | 1.5 | 9.3 | 5.0 |
| 290-310 | 1.7 | .8 | .8 | .4 | .1 | .1 | | | | | | 3.9 | 8.2 | 6.0 |
| 320-340 | 1.8 | .5 | .1 | .2 | | | | | | | | 2.6 | 4.8 | 3.0 |
| VARIABLE | ! | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | 11111111 | ////// | /////// | ////// | ////// | ,,,,,,, | ////// | ////// | ////// | ////// | /////// | 32.4 | ///// | 111111 |
| TOTALS | 33.7 | 19.6 | 9.2 | 4.1 | .3 | .4 | .1 | | | | | 100.0 | 4.1 | 5.0 |
| | | | *** | YPAT. MID | ₽ ₽₽ ₽ ₽ | ∩D G P DU 3 | PTOME | 946 | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OW RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTH: PEB HOURS: ALL

| | | | . 10 01 | Ca Y D | | | | | PONTE | i PAD | HOOR | 3. KIII | | |
|---------------------|---------|--------|---------|--------|--------|--------|--------|---------|--------|--------|---------------|---------|---------------|--------|
| WIND SPEED IN KNOTS | | | | | | | | | | | | | | ••••• |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | l | ••••• | ****** | ••••• | •••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | * | WIND | WIND |
| (M) 350-010 | 5.3 | 1.8 | 1.7 | .5 | .1 | .0 | ••••• | •••••• | ••••• | ••••• | • • • • • • • | 9.4 | 5.9 | 4.0 |
| 020-040 | 6.3 | 5.0 | 3.3 | .6 | -1 | | | | | | | 15.3 | 6.6 | 6.0 |
| 050-070 | 5.7 | 5.6 | 1.4 | .0 | | | | | | | | 12.7 | 5.4 | 5.0 |
| (E) 080-100 | 2.6 | 1.8 | .2 | .0 | | | | | | | | 4.7 | 4.4 | 4.0 |
| 110-130 | 1.7 | .8 | .3 | .1 | .0 | | | | | | | 3.0 | 5.4 | 4.0 |
| 140-160 | 1.5 | .6 | .5 | .3 | .0 | .0 | .0 | | | | | 3.0 | 6.7 | 4.0 |
| (8) 170-190 | 1.8 | 1.0 | 1.7 | .9 | .2 | .1 | .0 | | | | | 5.6 | 9.4 | 10.0 |
| 200-220 | 2.3 | .7 | .6 | .4 | .2 | .1 | .0 | .0 | .0 | | | 4.5 | 7.8 | 4.0 |
| 230-250 | 1.5 | .2 | .1 | .0 | -1 | .0 | | | .0 | | | 2.0 | 5.4 | 3.0 |
| (W) 260-280 | 1.5 | .4 | .3 | .3 | .1 | .0 | .0 | | | | | 2.5 | 6.3 | 3.0 |
| 290-310 | 1.8 | .8 | .5 | .4 | .4 | .2 | | | | | | 4.1 | 8.7 | 5.0 |
| 320-340 | 1.9 | .8 | .4 | .1 | .0 | | | | | | | 3.1 | 4.7 | 4.0 |
| VARIABLE | ' | ••••• | ••••• | ••••• | ***** | ••••• | ••••• | •••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• |
| CALM | /////// | ////// | ////// | ,,,,,, | ,,,,,, | ,,,,,, | ////// | /////// | ////// | ////// | ,,,,,,, | 30.1 | ///// | ////// |
| TOTALS | 33.9 | 19.5 | 11.0 | 3.6 | 1.2 | .4 | | | | | | 100.0 | 4.5 | 5.0 |

USAFETAC. ASHEVILLE NC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AMD/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | | PEED IN | | 35-39 | 40-49 | 50-64 | QE 65 | TOTAL | MEAN | MEDIAN |
|-------------|----------|-----------|-------------|---------|---------------|---------|-------------|-------------|-------------|-------------|--------------|--------|-------------|--------|
| (DECREES) | | • • • • • | ••••• | ••••• | ••••• | | • • • • • • | ••••• | · · · · · · | ••••• | ••••• | ••••• | WIND | WIND |
| (N) 350-010 | | • • • • • | • • • • • • | | ••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | •••••• | •••••• | • • • • • • | ••••• |
| 020-040 | 9.1 | 9.1 | | | | | | | | | | 18.2 | 5.0 | 5.0 |
| 050-070 | 9.1 | | | | | | | | | | | 9.1 | 4.0 | 4.0 |
| (E) 080-100 | | | | | | | | | | | | | | |
| 110-130 | | | | | | | | | | | | | | |
| 140-160 | 9.1 | | | | | | | | | | | 9.1 | 3.0 | 3.0 |
| (8) 170-190 | | | | | | | | | | | | | | |
| 200-220 | | | | | 9.1 | 9.1 | 9.1 | | | | | 27.3 | 26.7 | 25.0 |
| 230-250 | 9.1 | | | | | | | | | | | 9.1 | 1.0 | 1.0 |
| (W) 260-280 | | 9.1 | | | | | | | | | | 9.1 | 6.0 | 6.0 |
| 290-310 | | | | | | | | | | | | | | |
| 320-340 | | | | | | | | | | | | | | |
| Variable | : I | ••••• | | ••••• | • • • • • • • | ••••• | • • • • • • | • • • • • • | ••••• | • • • • • • | | ••••• | • • • • • • | |
| CALM | ,,,,,,,, | ////// | | /////// | ,,,,,,, | /////// | ////// | /////// | | '////// | <i>'''''</i> | 18.2 | ///// | 111111 |
| TOTALS | 36.4 | 18.2 | | | 9.1 | 9.1 | 9.1 | | | | | 100.0 | 9.5 | 6.0 |

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPRED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR BOURS: 00-02

| ••• | •••••• | | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | • • • • • • | ••••• | • • • • • • | • • • • • • | ••••• |
|-----|------------------------|----------|-------------|---------|---------|---------|---|--------|---------|--------|-------------|---------|---------------|--------------|----------------|
| | DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | Mean Wind | MEDIAN WIND |
| (H) | 350-010 | 8.2 | 1.5 | .4 | .1 | .2 | • • • • • • | | ••••• | ••••• | ••••• | ••••• | 10.4 | 4.1 | 3.0 |
| | 020-040 | 6.1 | 3.2 | .6 | .5 | .1 | | | | | | | 10.6 | 5.3 | 4.0 |
| | 050-070 | 5.2 | 3.0 | .8 | | | | | | | | | 8.9 | 4.5 | 4.0 |
| (E) | 080-100 | 2.2 | 1.1 | .2 | | | | | | | | | 3.4 | 4.3 | 4.0 |
| | 110-130 | 1.1 | .9 | | | | | | | | | | 1.9 | 4.6 | 4.0 |
| | 140-160 | 1.3 | 1.0 | .5 | .3 | | | | | | | | 3.1 | 6.8 | 6.0 |
| (8) | 170-190 | 2.0 | 3.2 | 3.1 | 2.3 | .8 | .2 | | | | | | 11.6 | 10.7 | 10.0 |
| | 200-220 | 2.5 | 2.3 | 1.4 | .9 | 1.1 | .1 | | .1 | | | | 8.3 | 10.2 | 8.0 |
| | 230-250 | 1.7 | .4 | .3 | .1 | .1 | | | | | | | 2.7 | 5.3 | 4.0 |
| (W) | 260-280 | .6 | .1 | .2 | .5 | .2 | .1 | | | | | | 1.8 | 11.7 | 14.0 |
| | 290-310 | 1.6 | 1.1 | 1.2 | .9 | .3 | .2 | | | | | | 5.3 | 9.9 | 8.0 |
| | 320-340 | 2.3 | .9 | .3 | | .1 | | | | | | | 3.5 | 4.9 | 3.0 |
| ••• | VARIABLE | ! ! | ••••• | | | ••••• | • | ••••• | ••••• | ••••• | | ••••• | • • • • • • • | • • • • • • | • • • • • • • |
| | AUKTVDER | l | | | | | | | | | | | | | |
| | CALM | //////// | ////// | /////// | /////// | /////// | ////// | ////// | '////// | ////// | '////// | '////// | 28.3 | ///// | ///// |
| | TOTALS | 34.8 | 18.7 | 9.0 | 5.6 | 2.9 | .6 | | .1 | | | | 100.0 | 5.0 | 5.0 |
| | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: HELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR HOURS: 03-05

| ****** | WIND SPEED IN RHOTS DIRECTION 1 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN | | | | | | | | | | | | | | ••••• |
|------------------|---|--------|--------|---------|-------------|--------|--------|--------|---------------|---------------|---------------|---------------|-------|--------------|----------------|
| DIRECT (DEGRE | | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | WEAN MEAN | MEDIAN WIND |
| (M) 350-0 | 10 | 5.9 | 1.5 | .4 | .1 | .2 | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | 8.2 | 4.3 | 3.0 |
| 020-0 | 40 | 6.8 | 3.4 | 1.1 | .1 | .1 | .1 | | | | | | 11.6 | 5.1 | 4.0 |
| 050-0 | 70 | 6.8 | 4.3 | .3 | | | | | | | | | 11.4 | 4.5 | 4.0 |
| (E) 080-1 | ∞ | 2.6 | 1.0 | .3 | | | | | | | | | 3.9 | 4.0 | 3.0 |
| 110-1 | 30 | 1.6 | .4 | .1 | | | | | | | | | 2.2 | 3.8 | 3.0 |
| 140-1 | 60 | 1.0 | .9 | .8 | .3 | | | | | | | | 2.9 | 7.9 | 8.0 |
| (8) 170-19 | 90 | 2.4 | 2.5 | 3.2 | 1.8 | .8 | .2 | .1 | | | | | 11.0 | 10.6 | 10.0 |
| 200-2 | 20 | 2.8 | 1.2 | .8 | .8 | .2 | .4 | .1 | | | | | 6.2 | 8.9 | 6.0 |
| 230-2 | 50 | 1.5 | .9 | .1 | | .2 | .1 | | | | | | 2.8 | 6.6 | 4.0 |
| (W) 260-2 | •• │ | 1.3 | .2 | .1 | | .2 | | | | | | | 1.8 | 5.5 | 3.0 |
| 290-3 | 10 | 1.7 | .9 | 1.4 | .5 | .1 | | .1 | | | | | 4.7 | 8.6 | 8.0 |
| 320-3 | 40 | 2.4 | .4 | .5 | | | | | | | | | 3.3 | 4.5 | 3.0 |
| VARIAB | LE | ••••• | ••••• | ***** | • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• |
| CALM | | ////// | ////// | /////// | /////// | ////// | ////// | ////// | ////// | ////// | ////// | ,,,,,,, | 30.0 | ///// | ////// |
| TOTALS | | 36.8 | 17.6 | 9.1 | 3.6 | 1.8 | .8 | .3 | | | | | 100.0 | 4.5 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION HAMBER: 723865 STATION NAME: MELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: MAR BOURS: 06-08 LST TO UTC: + 8 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES) • WIND WIND (M) 350-010 .8 2.9 1.2 5.3 6.3 4.0 -3 .1 020-040 5.5 2.9 1.5 10.9 6.5 4.0 .6 .3 050-070 4.6 2.7 .5 .1 8.0 4.9 4.0 (E) 080-100 2.3 .9 3.1 3.6 3.0 .2 110-130 1.2 .6 3.0 4.3 2.0 140-160 1.2 6.1 5.5 1.5 .6 .1 3.4 (8) 170-190 9.0 4.2 2.5 3.0 1.2 1.0 .3 .2 200-220 4.6 .9 1.1 1.0 .6 .1 7.7 4.0 230-250 1.5 .4 1.9 3.3 2.5 .2 (W) 260-280 .5 4.0 1.3 .1 .1 2.3 6.8 290-310 1.5 .6 1.0 .9 .5 .2 10.7 10.0 320-340 .5 3.0 VARIABLE CALM TOTALS 32.6 14.2 9.8 100.0 4.5 4.0 4.2 2.7 .3

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: MAR HOURS: 09-11 LST TO UTC: + 8 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN DIRECTION (DEGREES) WIND WIND ••••••••••••••••••••••••••••••••• .9 (M) 350-010 1.4 1.6 .5 .2 4.6 9.7 10.0 020-040 3.0 2.9 5.4 1.9 1.1 .1 14.4 10.2 10.0 050-070 4.1 5.8 2.0 11.9 6.2 6.0 (E) 080-100 4.1 3.7 .1 7.8 4.4 4.0 .9 .5 110-130 2.6 4.0 4.2 3.0 1.0 140-160 4.1 1.9 .6 .2 7.8 6.4 4.0 (8) 170-190 4.3 1.5 2.9 10.3 10.0 1.9 1.1 .5 12.3 200-220 4.3 1.3 1.2 1.2 1.4 .4 9.8 9.7 6.0 230-250 1.1 .5 .2 .1 .1 .1 2.2 6.8 4.0 .5 (W) 260-280 1.2 .5 .3 3.0 10.2 8.5 .1 .3 290-310 .4 .4 .5 .8 1.1 .1 15.0 17.0 320-340 .6 .5 .1 2.0 8.3 7.0 VARIABLE CALM TOTALS 30.7 21.4 16.2 7.5 5.4 1.6 100.0 7.0 7.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAR HOURS: 12-14

| WIND SPEED IN KNOTS DIDDOGRAFICE 1.4 E.O 10.14 15.10 20.24 25.20 20.24 25.20 40.40 50.54 CP 55 TYPEN MORN MODIAN | | | | | | | | | | | | | | |
|---|---|-------------|--------|-------------|---------|---------|--------|---------------|---------|---------|---------|---------------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL \$ | MEAN WIND | WEDIAN WIND |
| (N) 350-010 | 1.3 | 1.3 | 1.1 | .3 | .3 | ••••• | ••••• | ••••• | | •••••• | ••••• | 4.3 | 8.4 | 8.0 |
| 020-040 | 2.3 | 5.1 | 3.5 | 1.3 | .4 | | | | | | | 12.6 | 8.9 | 8.0 |
| 050-070 | 5.2 | 6.0 | 2.5 | .1 | .1 | | .1 | | | | | 14.0 | 6.4 | 6.0 |
| (B) 080-100 | 4.1 | 3.8 | 1.2 | | | | | | | | | 9.0 | 5.4 | 5.0 |
| 110-130 | 3.1 | 4.1 | .9 | .1 | | | | | | | | 8.2 | 5.7 | 5.5 |
| 140-160 | 3.0 | 1.1 | .8 | .6 | .4 | .1 | | | | | | 6.0 | 8.1 | 4.5 |
| (8) 170-190 | 2.4 | 1.7 | 2.7 | 1.7 | .9 | .3 | | | | | | 9.7 | 11.0 | 12.0 |
| 200-220 | 2.5 | 1.8 | 2.3 | 2.4 | 2.8 | .6 | .3 | | | | | 12.7 | 13.7 | 13.5 |
| 230-250 | 2.5 | .4 | .6 | .4 | .4 | .1 | | | | | | 4.5 | 8.4 | 4.0 |
| (W) 260-280 | 1.2 | .4 | 1.1 | .6 | .3 | | .1 | | | | | 3.8 | 10.0 | 10.0 |
| 290-310 | 1.8 | .5 | .9 | 1.4 | 1.2 | .4 | | | | | | 6.2 | 12.8 | 14.0 |
| 320-340 | .4 | .3 | .1 | .2 | .3 | .1 | | | | | | 1.5 | 11.9 | 9.5 |
| VARIABLE | | • • • • • • | ••••• | • • • • • • | ••••• | | | • • • • • • • | | | | • • • • • • • | | ••••• |
| | | | | | | | | | | | | | | |
| CALM | /////////////////////////////////////// | 7///// | ////// | /////// | 7////// | 7////// | ////// | 7////// | 7////// | 7777777 | 1111111 | 7.5 | ////// | ///// |
| TOTALS | 29.8 | 26.5 | 17.7 | 9.1 | 7.1 | 1.6 | .5 | | | | | 100.0 | 8.4 | 8.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAR BOURS: 15-17

| | | | | | | | | | . . | | | ••••• | | |
|------------------------|---------|--------|--------|--------|---------|---------------|--------|---------------|---------------|---------------|---------------|-------|--------------|----------------|
| | | | | | WIND 8 | PRED IN | RNOTS | | | | | | | |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 1.0 | 1.3 | .9 | .3 | .2 | • • • • • • • | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | 3.7 | 8.4 | 7.0 |
| 020-040 | 2.6 | 3.3 | 2.7 | 1.4 | .2 | .1 | | | | | | 10.3 | 9.1 | 8.0 |
| 050-070 | 4.5 | 5.7 | 1.3 | .2 | | | | | | | | 11.7 | 5.9 | 5.0 |
| (E) 080-100 | 4.7 | 5.3 | 1.9 | | | | | | • | | | 11.9 | 5.8 | 5.0 |
| 110-130 | 3.7 | 4.5 | 1.5 | .1 | | | | | | | | 9.8 | 6.2 | 6.0 |
| 140-160 | 2.3 | 2.0 | 1.1 | .9 | .3 | | | | | | | 6.6 | 8.2 | 6.0 |
| (8) 170-190 | 2.7 | 2.4 | 2.0 | 1.6 | .6 | .1 | | | | | | 9.5 | 9.5 | 9.0 |
| 200-220 | 1.9 | 1.8 | 4.1 | 2.9 | 2.3 | .2 | | | | | | 13.2 | 12.8 | 13.0 |
| 230-250 | 1.6 | 1.1 | 1.1 | .8 | 1.1 | .1 | .1 | | | | | 5.8 | 11.6 | 10.5 |
| (W) 260-280 | .5 | 1.0 | 1.1 | .5 | .1 | | .1 | | | | | 3.3 | 10.9 | 10.0 |
| 290-310 | .5 | .6 | 1.4 | 1.2 | 1.1 | .2 | .2 | | | | | 5.3 | 15.0 | 16.0 |
| 320-340 | .4 | .8 | -4 | .5 | .3 | | | | | | | 2.5 | 11.7 | 12.0 |
| VARIABLE | i | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• |
| CALM | 1111111 | ////// | ////// | ////// | /////// | ,,,,,, | ////// | /////// | ////// | ////// | /////// | 6.5 | ///// | ////// |
| TOTALS | 26.4 | 29.8 | 19.5 | 10.4 | 6.2 | .7 | .4 | | | | | 100.0 | 8.5 | 8.0 |
| | | | | | | | | | | | | | | |

(W) 260-280

290-310

.5

.9

1.4

1.3

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

.5

1.0

.1

.5

.3

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

PERIOD OF RECORD: OCT 81 - SEP 91

MONTH: MAR HOURS: 18-20 LST TO UTC: + 8 WIND SPEED IN KNOTS 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN DIRECTION 1-4 (DECREES) • WIND WIND (#) 350-010 5.5 1.7 1.1 .4 8.7 5.3 4.0 020-040 8.6 4.5 1.8 .4 .3 .1 15.8 5.7 4.0 050-070 7.0 3.5 .1 11.4 4.7 4.0 (E) 080-100 2.5 2.0 4.5 4.1 4.0 110-130 2.4 1.7 .3 4.4 5.0 4.0 .4 140-160 1.6 2.0 1.9 .2 6.2 8.8 8.0 (8) 170-190 2.0 4.9 2.2 .6 9.9 9.0 .2 200-220 2.6 2.7 2.4 2.3 .2 .3 10.4 10.1 9.0 230-250 .6 1.2 .8 .1 9.9 .4 3.1 8.0

320-340 2.5 1.4 .6 .1 .2 6.2 4.0 VARIABLE CALM TOTALS 36.7 28.3 14.6 .7 6.6 2.2 100.0 6.4 6.0

.1

7.1

10.4

2.6

4.1

6.5

8.5

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAR HOURS: 21-23 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES) • WIND WIND (N) 350-010 6.2 1.7 .2 .1 .1 9.8 5.3 3.0 020-040 7.3 3.7 1.6 .3 12.9 5.3 4.0 050-070 5.6 3.3 .8 9.7 4.6 4.0 (E) 080-100 1.3 .4 -1 1.8 3.6 3.0 110-130 1.4 .3 .2 1.9 3.9 2.0 140-160 1.5 1.3 .8 .4 .1 4.1 7.7 6.0 (8) 170-190 2.0 4.4 2.4 5.1 1.0 .2 15.1 10.6 10.0 200-220 3.8 2.5 1.2 .9 .5 8.1 .1 8.9 6.0 230-250 1.5 .8 .1 .1 2.6 6.4 4.0 (W) 260-280 1.4 1.3 .3 .1 3.1 5.4 5.0 290-310 2.0 1.0 1.0 .4 .1 .3 4.8 8.3 6.0 320-340 2.5 1.0 .1 .2 5.0 .1 3.9 3.0 VARIABLE CALM TOTALS 36.5 21.7 12.7 5.0 1.9 100.0 5.4 TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 28

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTH: MAR HOURS: ALL

| | • • • • • • • • | • • • • • • | ••••• | | WIND S | PEBD IN | RNOTS | ••••• | | | ****** | • • • • • • • | • • • • • | • • • • • • • |
|----------------|-----------------|-------------|--------|---------------|---------|---------------|--------|---------|---------|--------|--------|---------------|-------------|---------------|
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | i | • • • • • • | •••••• | • • • • • • • | ****** | • • • • • • • | | ••••• | | ••••• | ••••• | 3 | WIND | WIND |
| (M) 350-010 | 4.0 | 1.4 | 1.0 | .3 | .2 | .0 | ••••• | ••••• | ••••• | ••••• | ••••• | 6.9 | 5.8 | 4.0 |
| 020-040 | 5.3 | 3.6 | 2.3 | .8 | .3 | .1 | | | | | | 12.4 | 7.0 | 6.0 |
| 050-070 | 5.4 | 4.3 | 1.1 | .1 | .0 | | .0 | | | | | 10.9 | 5.3 | 5.0 |
| (B) 080-100 | 3.0 | 2.3 | .5 | | | | | | | | | 5.7 | 4.8 | 4.0 |
| 110–130 | 2.1 | 1.7 | .5 | .0 | | | | | | | | 4.3 | 5.2 | 5.0 |
| 140-160 | 2.0 | 1.4 | .9 | .5 | .2 | .0 | | | | | | 5.0 | 7.5 | 6.0 |
| (8) 170-190 | 2.8 | 2.9 | 3.2 | 1.9 | .8 | .3 | .0 | | | | | 11.9 | 10.3 | 10.0 |
| 200-220 | 3.1 | 1.8 | 1.8 | 1.5 | 1.1 | .3 | -1 | .0 | | | | 9.7 | 10.5 | 9.0 |
| 230-250 | 1.5 | .7 | .4 | .2 | .3 | .1 | .0 | .0 | | | | 3.2 | 8.1 | 5.0 |
| (W) 260-280 | 1.0 | .6 | .5 | .3 | .1 | .1 | .0 | | | | | 2.7 | 8.6 | 7.0 |
| 290-310 | 1.3 | .8 | 1.0 | .8 | .6 | .2 | .0 | | | | | 4.8 | 11.3 | 11.0 |
| 320-340 | 1.6 | .7 | .4 | .1 | .1 | .0 | | | | | | 3.0 | 6.5 | 4.0 |
| VARIABLE | | • • • • • • | ****** | ••••• | ••••• | ••••• | ••••• | | ••••• | ••••• | ••••• | ••••• | · • • • • · | ••••• |
| CAIM | /////// | ////// | ////// | /////// | /////// | /////// | ////// | /////// | /////// | ////// | ,,,,,, | 19.5 | ///// | ///// |
| TOTALS | 33.1 | 22.2 | 13.6 | 6.5 | 3.7 | 1.1 | .1 | | | | | 100.0 | 6.2 | 6.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865

TOTALS

11.2 16.8 50.1 5.6

STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91 HOURS: ALL MONTH: MAR

LST TO UTC: + 8

| ••••• | •••••• | •••• | | ••••• | • • • • • • • | ••••• | • • • • • • | | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
|-------------|------------|-------|---------|------------------|---------------|---------------|-------------|----------|---------------|---------------|---------------|---------------|-------------|--------|
| CATEGORY A: | CRILING GE | 200 | BUT LES | s than and/oi | | RET WIT | H VISIE | SILITY O | SE 1/2 P | 41LE (08 | 000 METE | RS). | | |
| | VISIBILITY | GE 1 | | - | - | | | | - | | - | CEILING | GE 200 | FEET. |
| ••••• | | •••• | ••••• | ••••• | | PEED IN | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| DIRECTION | 1-4 | 5-9 | | | | | | | | | GE 65 | TOTAL | MEAN | MEDIAN |
| (Degrees) | | •••• | | | | ******* | | | | | | * | WIND | WIND |
| (N) 350-010 | 5.6 | •••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | 5.6 | 4.0 | 4.0 |
| 020-040 | | | 22.2 | | | | | | | | | 22.2 | 12.0 | 11.5 |
| 050-070 | | 5.6 | 16.7 | | | | | | | | | 22.2 | 10.8 | 11.5 |
| (E) 080-100 | | | | | | | | | | | | | | |
| 110-130 | | | | | | | | | | | | | | |
| 140-160 | 1 | 5.6 | | | | | | | | | | 5.6 | 9.0 | 9.0 |
| (8) 170-190 | 5.6 | | 5.6 | | | | | | | | | 11.1 | 8.0 | 8.0 |
| 200-220 | | 5.6 | 5.6 | | | | 5.6 | | | | | 16.7 | 18.3 | 13.0 |
| 230-250 | | | | 5.6 | | 5.6 | | | | | | 11.1 | 21.5 | 20.0 |
| (W) 260-280 | | | | | | | | | | | | | | |
| 290-310 | | | | | | | 5.6 | | | | | 5.6 | 32.0 | 25.0 |
| 320-340 | | | | | | | | | | | | | | |
| VARIABLE | ·i | •••• | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • | | • • • • • • | • • • • • • | | ••••• | | ••••• |
| CALM | ,,,,,,,, | '//// | ,,,,,,, | ///// | /////// | '''' | ////// | ////// | ////// | ////// | ,,,,,,, | .0 | ///// | ,,,,,, |

TOTAL NUMBER OF OBSERVATIONS 18

5.6 11.2

C - 4 - 30

100.0 13.9 12.0

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: APR HOURS: 00-02

| | | | 1 10 01 | , , | | | | | ******** | . AFR | 1001 | J. JU-U | • | |
|------------------------|---------|-------------|---------|---------------|---------|---------|-------------|---------------|---------------|---------|---------------|---------------|--------------|--------|
| *********** | | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | • • • • • • • | ••••• | | | | |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | WEDIAN |
| (M) 350-010 | 5.4 | 1.0 | .4 | .2 | ••••• | ••••• | ••••• | • • • • • • | | | • • • • • • • | 7.1 | 4.2 | 3.0 |
| 020-040 | 7.3 | 3.3 | 1.8 | 1.0 | .7 | | | | | | | 14.1 | 6.6 | 4.0 |
| 050-070 | 5.1 | 4.2 | .6 | | | | | | | | | 9.9 | 4.5 | 4.0 |
| (E) 080-100 | 2.1 | .8 | .1 | | | | | | | | | 3.0 | 3.7 | 3.0 |
| 110-130 | 1.1 | -1 | .1 | | | | | | | | | 1.3 | 3.2 | 2.5 |
| 140-160 | 1.7 | .8 | .7 | .1 | | | | | | | | 3.2 | 5.4 | 4.0 |
| (8) 170-190 | 2.7 | 4.9 | 6.0 | 1.6 | .6 | | .1 | | | | | 15.8 | 9.8 | 10.0 |
| 200-220 | 3.8 | 1.4 | 1.1 | 1.0 | .6 | | | | | | | 7.9 | 7.7 | 5.0 |
| 230-250 | 1.6 | .6 | .4 | .1 | .1 | | | | | | | 2.8 | 6.2 | 4.0 |
| (W) 260-280 | 1.6 | .7 | .8 | .6 | .2 | .3 | | | | | | 4.1 | 9.9 | 8.0 |
| 290-310 | 1.8 | .9 | 1.2 | .4 | | .1 | | | | | | 4.4 | 7.8 | 6.5 |
| 320-340 | 2.2 | .7 | .2 | | | | | | | | | 3.1 | 4.0 | 3.0 |
| VARIABLE | ! | • • • • • • | | • • • • • • • | | ••••• | • • • • • • | • • • • • • • | ••••• | | ••••• | • • • • • • • | • • • • • • | |
| | | | | | | | | | | | | | | |
| CALM | ,,,,,,, | ////// | '////// | /////// | '////// | ''''' | ////// | /////// | '////// | '////// | '////// | 23.2 | ////// | 7///// |
| TOTALS | 36.4 | 19.4 | 13.4 | 5.0 | 2.2 | .4 | .1 | | | | | 100.0 | 5.2 | 5.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: APR HOURS: 03-05 LST TO UTC: + 8 WIND SPEED IN KNOTS DIRECTION | (DEGREES) 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN * WIND WIND (M) 350-010 7.7 1.8 .6 .3 10.3 4.3 3.0 020-040 5.8 8.4 2.6 1.2 .3 .7 .2 13.4 4.0 050-070 3.0 4.6 -4 .2 .1 8.3 4.9 4.0 (E) 080-100 2.2 .7 .2 3.1 3.9 3.5 110-130 1.2 .2 1.4 2.3 2.0 140-160 1.0 .3 .2 .1 7.2 .1 1.8 4.0 (8) 170-190 3.3 .7 2.0 5.3 1.7 .1 13.1 10.3 10.0 200-220 2.3 2.3 .8 .3 7.1 6.0 230-250 2.1 .3 .1 2.6 3.6 3.0 (W) 260-280 .2 1.4 .1 .2 2.0 4.4 2.0 290-310 1.7 .8 1.1 1.0 .8 .3 .1 5.8 11.6 11.0 320-340 3.3 1.2 5.0 4.0 VARIABLE CALM RIGTOT 37.9 16.7 10.6 3.9 3.0 .7 .1 .1 100.0 4.8 4.0 TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| STATION NUMBER | K: /23863 | | T TO UI | | TIPIS WE | B/LAS V | egas nv | , | | ID OF RE | | S: 06-08 | | 1 |
|------------------------|-----------------|--------|---------|-----------------|----------|------------------|---------------|---------------|---------------|-------------|---------|---------------|--------------|----------------|
| ••••• | • • • • • • • • | ••••• | ••••• | ••••• | | | | | ••••• | ••••• | | • • • • • • • | • • • • • • | • • • • • • |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | PEED IN 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| | | •••••• | ••••• | • • • • • • • • | •••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | ••••• | •••••• |
| (M) 350-010 | 2.0 | 1.0 | .8 | .3 | -3 | .1 | | | | | | 4.6 | 8.1 | 6.0 |
| 020-040 | 3.8 | 2.9 | 2.2 | 1.4 | .4 | | | | | | | 10.8 | 8.1 | 7.0 |
| 050-070 | 3.1 | 2.9 | .2 | .1 | | | | | | | | 6.3 | 5.0 | 5.0 |
| (E) 080-100 | 3.1 | 1.1 | | | | | | | | | | 4.2 | 3.2 | 2.0 |
| 110-130 | 1.8 | .3 | | | | | | | | | | 2.1 | 2.8 | 2.0 |
| 140-160 | 2.1 | 1.4 | 1.0 | .2 | .1 | | | | | | | 4.9 | 6.7 | 5.5 |
| (8) 170-190 | 3.8 | 3.2 | 3.3 | 1.3 | .8 | .1 | | | | | | 12.6 | 9.0 | 8.0 |
| 200-220 | 4.4 | 1.8 | 1.0 | .2 | -1 | | | | | | | 7.6 | 5.4 | 4.0 |
| 230–250 | 2.7 | .6 | | .1 | | | | | | | | 3.3 | 3.4 | 2.0 |
| (W) 260-280 | 1.0 | .6 | .6 | .2 | .1 | | | | | | | 2.4 | 7.3 | 6.0 |
| 290-310 | 2.1 | .8 | 1.3 | .9 | .9 | | .1 | .1 | | | | 6.2 | 10.8 | 10.0 |
| 320-340 | 1.4 | .4 | .1 | .2 | | | | | | | | 2.2 | 4.8 | 2.5 |
| VARIABLE | | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | • • • • • • | | • • • • • • • | • • • • • • | ••••• |
| CALM | /////// | ////// | ////// | /////// | /////// | /////// | ////// | /////// | ////// | ////// | ,,,,,,, | 32.8 | ///// | ///// |
| TOTALS | 31.3 | 17.0 | 10.5 | 4.9 | 2.7 | .2 | .1 | .1 | | | | 100.0 | 4.7 | 5.0 |

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: APR BOURS: 09-11

| | | 795 | T TO UI | C: + 8 | | | | | MUNIT | 1: APR | HOUR | 8: 09-1 | L | |
|------------------------|---------|--------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------|--------------|----------------|
| ••••• | ••••• | ••••• | ••••• | ••••• | WIND 8 | SPEED IN | KNOTS | • • • • • • | | • • • • • • • | • • • • • • • | | | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 2.2 | 1.4 | 2.2 | .7 | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | 6.6 | 8.0 | 8.0 |
| 020-040 | 2.3 | 4.2 | 6.7 | 2.6 | .3 | | | | | | | 16.1 | 10.1 | 10.0 |
| 050-070 | 4.0 | 5.6 | 3.1 | .6 | | | | | | | | 13.2 | 6.8 | 6.0 |
| (E) 080-100 | 3.7 | 2.8 | .2 | | | | | | | | | 6.7 | 4.5 | 4.0 |
| 110-130 | 3.1 | 2.7 | .3 | | | | | | | | | 6.1 | 4.8 | 4.0 |
| 140-160 | 2.7 | 3.1 | 1.0 | .2 | .4 | | | | | | | 7.4 | 7.0 | 6.0 |
| (8) 170-190 | 2.7 | 2.6 | 2.4 | 1.4 | .8 | .2 | .3 | | | | | 10.4 | 10.3 | 9.0 |
| 200-220 | 4.0 | 2.4 | 1.7 | 1.7 | .8 | .1 | | | | | | 10.7 | 8.7 | 6.0 |
| 230-250 | 1.4 | .9 | .2 | .2 | .2 | | | | | | | 3.0 | 7.0 | 5.0 |
| (W) 260-280 | .9 | .3 | .8 | .3 | .1 | | | | | | | 2.4 | 8.5 | 9.0 |
| 290-310 | .6 | .1 | 1.1 | .9 | 1.1 | | | | | | | 3.8 | 14.2 | 16.0 |
| 320-340 | .9 | .4 | .2 | .3 | .1 | | | | | | | 2.0 | 7.9 | 5.5 |
| VARIABLE | : | ••••• | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | ////// | ////// | ,,,,,, | ,,,,,,, | ,,,,,, | ////// | ,,,,,, | ////// | ,,,,,,, | 11.6 | ///// | ////// |
| TOTALS | 28.5 | 26.5 | 19.9 | 8.9 | 3.8 | .3 | .3 | | | | | 100.0 | 7.3 | 7.0 |
| | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: APR HOURS: 12-14

WIND SPEED IN KNOTS

DIRECTION | 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES)

| | WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GR 65 TOTAL MEAN MEDIAN | | | | | | | | | | | | | |
|------------------------|--|--------|---------|---------|---------|---------|--------|---------------|--------|--------|---------------|---------------|-------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | WEAN | wind Wedian |
| (M) 350-010 | 2.4 | 1.6 | 1.7 | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | 5.7 | 6.5 | 7.0 |
| 020-040 | 2.0 | 3.6 | 3.0 | 1.6 | .1 | | | | | | | 10.2 | 9.2 | 8.0 |
| 050-070 | 2.9 | 4.9 | 1.7 | .1 | | | | | | | | 9.6 | 6.3 | 6.0 |
| (E) 080-100 | 3.3 | 2.7 | .7 | | | | | | | | | 6.7 | 5.3 | 4.5 |
| 110-130 | 3.3 | 4.3 | 1.4 | | .1 | | | | | | | 9.2 | 6.2 | 6.0 |
| 140-160 | 3.0 | 2.2 | 1.2 | .3 | .1 | .1 | | | | | | 7.0 | 7.0 | 6.0 |
| (8) 170-190 | 4.8 | 3.2 | 2.7 | 1.7 | .8 | .2 | .1 | | | | | 13.4 | 9.0 | 7.0 |
| 200-220 | 3.6 | 2.7 | 2.7 | 2.4 | 1.8 | .7 | .1 | | | | | 13.9 | 11.4 | 10.0 |
| 230-250 | 2.3 | 1.4 | 1.1 | .8 | .6 | | | | | | | 6.2 | 8.8 | 6.0 |
| (W) 260-280 | 1.8 | 1.2 | .6 | .2 | .2 | | | | | | | 4.0 | 6.9 | 5.0 |
| 290-310 | 1.1 | .8 | .6 | 1.1 | .6 | .1 | | | | | | 4.2 | 11.2 | 10.0 |
| 320-340 | .з | 1.0 | .2 | .2 | .2 | | | | | | | 2.0 | 8.7 | 6.0 |
| VARIABLE | ! | ••••• | ••••• | ••••• | ••••• | ****** | | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• |
| CALM | ,,,,,,, | ////// | /////// | /////// | /////// | ,,,,,,, | ////// | ,,,,,, | ,,,,,, | ////// | ,,,,,,, | 7.9 | ///// | ///// |
| TOTALS | 30.8 | 29.6 | 17.6 | 8.4 | 4.5 | 1.1 | .2 | | | | | 100.0 | 7.6 | 7.0 |

TOTALS 30.8 29.6 17.6 8.4 4.5 1.1 .2 100.0 7.6 7.0

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: APR HOURS: 15-17 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GB 65 TOTAL MEAN MEDIAN (DEGREES) * WIND WIND (N) 350-010 5.0 1.3 .9 .6 -4 3.2 7.3 020-040 2.1 3.6 2.7 .6 .1 .1 9.1 8.5 8.0 050-070 3.3 5.4 1.3 .3 10.4 6.2 6.0 (E) 080-100 2.3 3.8 1.6 .1 7.8 6.6 6.0 110-130 2.7 3.7 1.2 8.0 6.8 6.0 .3 .1 .7 140-160 3.2 2.0 1.8 7.7 7.1 6.0 (8) 170-190 2.7 4.1 3.2 1.2 1.2 12.6 9.3 8.0 .1 200-220 3.2 2.9 5.3 2.3 .9 .1 19.8 12.9 13.0 230-250 1.4 1.8 1.3 .8 .7 6.0 9.7 8.5 .9 .7 (W) 260-280 .8 2.7 8.3 7.0 .2 .1 290-310 .8 .7 .8 .7 3.4 11.3 10.0 .4 .1 320-340 11.2 12.0 VARIABLE CALM

TOTAL NUMBER OF OBSERVATIONS 900

25.4 29.0 21.3 10.7 4.9 1.2

.2

100.0 8.4

8.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTH: APR BOURS: 18-20

| WIND SPEED IN KNOTS | | | | | | | | | | | | | | |
|------------------------|----------|--------|--------|-------------|--------|---------|--------|---------------|---------|-------------|---------|-------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (M) 350-010 | 4.1 | 1.4 | 1.6 | .2 | .2 | .1 | .1 | ••••• | ••••• | • • • • • • | | 7.8 | 7.0 | 4.0 |
| 020-040 | 5.8 | 2.3 | 2.0 | .2 | | | | | | | | 10.3 | 5.6 | 4.0 |
| 050-070 | 5.7 | 2.7 | .3 | | | | | | | | | 8.7 | 4.3 | 4.0 |
| (E) 080-100 | 2.8 | 1.4 | .6 | | | | | | | | | 4.8 | 4.8 | 4.0 |
| 110-130 | 3.6 | 2.6 | .3 | .3 | | | | | | | | 6.8 | 5.5 | 4.0 |
| 140-160 | 2.4 | 2.9 | 2.0 | .3 | .1 | | | | | | | 7.8 | 7.6 | 6.5 |
| (8) 170-190 | 4.8 | 7.0 | 4.3 | 1.0 | .2 | .1 | | | | | | 17.4 | 7.8 | 7.0 |
| 200-220 | 3.2 | 3.1 | 4.0 | 2.6 | 1.6 | | | | | | | 14.4 | 10.8 | 11.0 |
| 230-250 | .8 | 1.0 | 1.0 | .2 | .1 | | .1 | | | | | 3.2 | 9.2 | 8.0 |
| (W) 260-280 | .9 | .8 | .4 | .1 | .1 | | | | | | | 2.3 | 7.4 | 6.0 |
| 290-310 | 1.1 | .7 | .8 | .7 | .1 | | | | | | | 3.3 | 9.0 | 6.0 |
| 320-340 | 1.9 | .2 | .6 | | | | | | | | | 2.7 | 4.7 | 4.0 |
| ••••• | ! : | ••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | | | | ••••• | | ••••• |
| variable | | | | | | | | | | | | | | |
| CALM | //////// | ////// | ////// | ////// | ////// | /////// | ////// | /////// | /////// | ////// | /////// | 10.4 | ///// | ///// |
| TOTALS | 37.1 | 26.1 | 17.9 | 5.6 | 2.4 | .2 | .2 | | | | | 100.0 | 6.5 | 6.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: APR BOURS: 21-23

| ••••• | •••••• | ••••• | ••••• | ••••• | WIRD 8 | PEED IN | KNOTS | | • • • • • • | ••••• | • • • • • • • | | • • • • • • | ••••• |
|------------------------|---------|--------|---------|---------|---------|---------|--------|---------------|-------------|---------------|---------------|-------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 5.3 | 1.0 | .9 | .4 | .3 | ••••• | | | | • • • • • • | • • • • • • • | 8.0 | 5.6 | 4.0 |
| 020-040 | 6.6 | 2.9 | 1.7 | .8 | | .1 | | | | | | 12.0 | 6.0 | 4.0 |
| 050-070 | 5.6 | 3.0 | .7 | | | | | | | | | 9.2 | 4.4 | 4.0 |
| (E) 080-100 | 2.0 | .6 | | | | | | | | | | 2.6 | 3.4 | 3.0 |
| 110-130 | 1.3 | .7 | | | | | | | | | | 2.0 | 3.6 | 3.5 |
| 140-160 | 1.7 | 1.6 | .7 | .3 | .1 | | | | | | | 4.3 | 7.1 | 6.0 |
| (8) 170-190 | 4.1 | 5.3 | 5.4 | 2.2 | .6 | | | | | | | 17.7 | 9.1 | 9.0 |
| 200-220 | 3.8 | 3.3 | 1.7 | .8 | .3 | .1 | | | | | | 10.0 | 7.6 | 6.5 |
| 230-250 | 3.1 | 1.0 | .6 | | .4 | .1 | | | | | | 5.2 | 6.6 | 4.0 |
| (W) 260-280 | 1.3 | .9 | .2 | .6 | | .1 | | | | | | 3.1 | 7.6 | 6.5 |
| 290-310 | 2.2 | .9 | .7 | .2 | .1 | | | | | | | 4.1 | 6.3 | 4.0 |
| 320-340 | 1.8 | .9 | .2 | | | | | | | | | 2.9 | 4.4 | 3.0 |
| VARIABLE | : | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | ,,,,,,, | /////// | ,,,,,,, | ////// | ,,,,,, | ,,,,,,, | ////// | ////// | /////// | 18.9 | ///// | ////// |
| TOTALS | 38.6 | 22.1 | 12.8 | 5.3 | 1.8 | .4 | | | | | | 100.0 | 5.4 | 5.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: APR HOURS: ALL

| | | 125 | T 10 VI | C: + 8 | | | | | MOMATE | : APK | HOUR | a: WITT | | |
|-------------|----------|-------------|----------|--------|--------|---------------|--------|-------|---------------|-------|--------|---------------|-------------|--------|
| ••••• | ••••• | • • • • • • | ***** | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | | | 40-49 | 50-64 | GE 65 | TOTAL | MBAN | MEDIAN |
| (DEGREES) | l | • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | ••••• | | ••••• | ••••• | ****** | * | WIND | MIND |
| (N) 350-010 | 3.8 | 1.3 | 1.1 | .3 | .2 | .0 | .0 | ***** | • • • • • • • | ••••• | ••••• | 6.7 | 6.1 | 4.0 |
| 020-040 | 4.8 | 3.2 | 2.7 | 1.1 | .3 | .0 | .0 | | | | | 12.0 | 7.5 | 6.0 |
| 050-070 | 4.3 | 4.0 | 1.0 | .2 | .0 | | | | | | | 9.5 | 5.4 | 5.0 |
| (E) 080-100 | 2.7 | 1.7 | .4 | .0 | | | | | | | | 4.8 | 4.8 | 4.0 |
| 110-130 | 2.3 | 1.8 | .4 | .1 | .0 | | | | | | | 4.6 | 5.3 | 5.0 |
| 140-160 | 2.2 | 1.8 | 1.1 | .3 | .1 | .0 | .0 | | | | | 5.5 | 7.0 | 6.0 |
| (8) 170-190 | 3.6 | 4.0 | 4.1 | 1.5 | .7 | .1 | .1 | | | | | 14.1 | 9.3 | 8.0 |
| 200-220 | 3.5 | 2.5 | 2.3 | 1.8 | 1.0 | .2 | .0 | | | | | 11.3 | 9.8 | 8.0 |
| 230–250 | 1.9 | .9 | .6 | .3 | .3 | .0 | .0 | | | | | 4.0 | 7.3 | 5.0 |
| (W) 260-280 | 1.2 | .7 | .5 | .3 | .1 | .1 | | | | | | 2.9 | 7.7 | 6.0 |
| 290-310 | 1.4 | .7 | .9 | .7 | .5 | .1 | .0 | .0 | | | | 4.4 | 10.3 | 10.0 |
| 320-340 | 1.5 | .7 | .4 | .2 | .1 | | | | | | | 2.8 | 5.9 | 4.0 |
| VARIABLE | <u>:</u> | • • • • • • | ••••• | ••••• | ••••• | | ••••• | ••••• | ••••• | | ••••• | • • • • • • | | ••••• |
| CALM | 11111111 | ////// | ,,,,,,,, | | ////// | | ////// | | /////// | | | 17.3 | ///// | ///// |
| | | | | | | | | | | | | | | |
| TOTALS | 33.2 | 23.3 | 15.5 | 6.8 | 3.3 | .5 | .1 | | | | | 100.0 | 5.2 | 6.0 |

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: APR HOURS: ALL LST TO UTC: + 8 CATEGORY A: CEII-ING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR VISIBILITY GR 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. WIND SPEED IN KNOTS DIRECTION | 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES) ••••••••••••••••••••••••••••••••• (N) 350-010 020-040 050-070 (E) 080-100 110-130 140-160 (8) 170-190 50.0 24.0 24.0 200-220 50.0 230-250 (W) 260-280 290-310 50.0 50.0 34.0 25.0 320-340 VARIABLE CALM TOTALS 50.0 50.0 100.0 29.0 24.5 TOTAL NUMBER OF OBSERVATIONS 2

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY HOURS: 00-02

| ********** | • • • • • • • • • | ••••• | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • | ••••• |
|------------------------|-------------------|-------------|--------|---------|--------|---------------|--------|--------|--------|-------------|---------|---------------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 6.3 | .8 | .1 | .1 | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | 7.3 | 3.3 | 3.0 |
| 020-040 | 6.5 | 1.8 | .8 | .4 | .1 | | | | | | | 9.6 | 4.9 | 4.0 |
| 050-070 | 6.5 | 2.8 | .1 | .1 | | | | | | | | 9.5 | 3.9 | 4.0 |
| (E) 080-100 | 2.2 | | | | | | | | | | | 2.2 | 2.9 | 3.0 |
| 110-130 | .9 | .6 | .2 | | | | | | | | | 1.7 | 4.8 | 4.5 |
| 140–160 | 1.2 | 1.2 | 1.6 | .3 | | | | | | | | 4.3 | 8.6 | 9.0 |
| (8) 170-190 | 2.7 | 7.7 | 6.1 | 2.0 | .2 | | | | | | | 18.8 | 9.4 | 9.0 |
| 200-220 | 2.5 | 3.4 | 2.0 | 1.7 | .6 | .3 | | | | | | 10.6 | 9.9 | 8.0 |
| 230-250 | 1.6 | 1.1 | .4 | .1 | .1 | | | | | | | 3.3 | 5.8 | 5.0 |
| (W) 260-280 | .9 | .2 | .1 | | .1 | | | | | | | 1.3 | 5.3 | 3.0 |
| 290-310 | 1.1 | .9 | .8 | .3 | .1 | | | | | | | 3.1 | 7.9 | 8.0 |
| 320-340 | 2.3 | .5 | | .1 | | | | | | | | 2.9 | 3.8 | 3.0 |
| VARIABLE | | • • • • • • | ••••• | ••••• | | • • • • • • • | | | | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,,, | ////// | ////// | ,,,,,,, | ////// | ,,,,,,, | ////// | ////// | ////// | ////// | /////// | 25.4 | ///// | 111111 |
| TOTALS | 34.7 | 21.0 | 12.2 | 5.1 | 1.2 | .3 | | | | | | 100.0 | 5.0 | 5.0 |

CALM

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: OCT 81 - SEP 91

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV

35.6 15.7 12.0 4.7 1.6

LST TO UTC: + 8 MONTH: MAY BOURS: 03-05 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN DIRECTION (DEGREES) WIND WIND . (N) 350-010 7.0 1.4 8.9 3.8 3.0 020-040 1.2 8.0 .5 .2 9.9 4.1 3.0 050-070 5.5 2.4 .2 8.1 3.9 3.0 (E) 080-100 1.8 .4 2.3 3.3 3.0 110-130 .3 .1 1.7 3.4 3.0 140-160 1.4 .9 1.0 8.2 7.0 (8) 170-190 1.7 3.9 6.9 2.8 .5 15.8 10.9 11.0 200-220 2.8 2.7 1.8 .4 .6 .1 8.5 8.5 7.0 230-250 .5 .6 .1 .1 1.4 6.1 6.0 (W) 260-280 1.5 .2 .2 2.0 290-310 .8 2.2 -8 .9 .1 .2 8.5 8.0 320-340 1.9 .9 3.7 2.8 4.0 VARIABLE

TOTAL NUMBER OF OBSERVATIONS 930

100.0 4.6

4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY BOURS: 06-08

| ••• | ••••• | • • • • • • • | • • • • • • | ••••• | • • • • • • | | •••• | • • • • • • | ••••• | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • | • • • • • • • |
|-----|---------------------|---------------|---|---------|-------------|---------|------------------|-------------|-------|-------------|---------------|----------|---------------|--------------|----------------|
| | DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | PEED IN 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | mean Wind | MEDIAN WIND |
| (H) | 350-010 | 2.5 | .4 | .8 | .1 | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | 3.8 | 5.5 | 4.0 |
| | 020-040 | 1.9 | 2.8 | 2.0 | .2 | | | | | | | | 7.0 | 7.5 | 8.0 |
| | 050-070 | 2.7 | 2.8 | .5 | | | | | | | | | 6.0 | 5.1 | 5.0 |
| (E) | 080-100 | 1.7 | .4 | .1 | | | | | | | | | 2.3 | 3.7 | 3.0 |
| | 110-130 | 1.1 | .6 | .3 | | | | | | | | | 2.0 | 5.3 | 4.0 |
| | 140-160 | 2.0 | .9 | 1.1 | .4 | .1 | | | | | | | 4.5 | 7.4 | 6.0 |
| (8) | 170-190 | 4.7 | 3.4 | 4.0 | 2.9 | 1.7 | .1 | | | | | | 16.9 | 10.0 | 10.0 |
| | 200-220 | 5.3 | 2.3 | 2.4 | .9 | .2 | .1 | | | | | | 11.1 | 7.1 | 6.0 |
| | 230-250 | 1.9 | .5 | .2 | | | .1 | | | | | | 2.8 | 4.9 | 4.0 |
| (W) | 260-280 | 1.2 | .5 | .3 | .3 | .1 | | | | | | | 2.5 | 6.4 | 5.0 |
| | 290-310 | 1.5 | .5 | 1.0 | | 1.1 | .2 | | | | | | 4.3 | 10.7 | 10.0 |
| | 320-340 | 1.4 | .1 | .5 | .1 | | | | | | | | 2.2 | 5.6 | 3.0 |
| ••• | VARIABLE | } | ••• | | ••••• | ••••• | ••••• | •••• | ••••• | | • • • • • • • | | • • • • • • • | | ••••• |
| | | 1911.11 | | | ,,,,,,, | | ,,,,,,, | | | | | ,,,,,,,, | 34 7 | ,,,,,, | ,,,,,, |
| | CALLA | 1 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ****** | ,,,,,,, | | ,,,,,,, | ****** | 1111111 | 34./ | ,,,,,, | ,,,,, |
| | TOPALS | 27.9 | 15.2 | 13.2 | 4.9 | 3.2 | .5 | | | | | | 100.0 | 4.9 | 6.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: MAY BOURS: 09-11

| | | 143 | 1 10 01 | C: + 6 | | | | | MONTE | i: PMI | BOOK | 9: 09-11 | _ | |
|------------------------|-----------------|--------|---------|---------|--------|---------------|-------------|--------|---------------|---------------|-----------------|----------|--------------|----------------|
| ************* | • • • • • • • • | | ••••• | ••••• | WIND 8 | SPRED IN | KNOTS | | | • • • • • • • | • • • • • • • | ••••• | | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350~010 | 1.8 | 1.0 | 1.2 | ••••• | .1 | • • • • • • • | • • • • • • | | | • • • • • • | • • • • • • • | 4.1 | 6.8 | 6.0 |
| 020-040 | 2.9 | 4.4 | 3.9 | .3 | | | | | | | | 11.5 | 7.7 | 8.0 |
| 050-070 | 4.4 | 4.4 | 1.7 | .1 | | | | | | | | 10.6 | 5.8 | 5.0 |
| (E) 080-100 | 4.0 | 2.3 | .3 | | | | | | | | | 6.6 | 4.4 | 4.0 |
| 110-130 | 3.1 | 2.4 | .6 | | | | | | | | | 6.1 | 5.1 | 4.0 |
| 140-160 | 4.6 | 3.0 | 1.9 | .3 | | | | | | | | 9.9 | 6.4 | 5.0 |
| (8) 170-190 | 3.0 | 2.7 | 3.5 | 2.4 | 1.1 | .1 | | | | | | 12.8 | 10.4 | 10.0 |
| 200-220 | 3.5 | 2.5 | 1.7 | 2.0 | 1.5 | .2 | | | | | | 11.5 | 10.3 | 9.0 |
| 230-250 | 2.7 | 1.3 | .3 | .2 | | .1 | | | | | | 4.6 | 5.3 | 4.0 |
| (W) 260-280 | 2.3 | .6 | .5 | .1 | .2 | | | | | | | 3.8 | 6.3 | 4.0 |
| 290-310 | .9 | .4 | 1.2 | .8 | .6 | | .2 | | | | | 4.1 | 12.8 | 12.0 |
| 320-340 | 1.3 | .3 | .2 | .2 | | | | | | | | 2.0 | 5.0 | 2.0 |
| Variable | : | ••••• | | ••••• | ••••• | • • • • • • • | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | //////// | ////// | ,,,,,,, | /////// | ////// | ,,,,,,, | ////// | ////// | ,,,,,,, | ////// | ,,,,,,,, | 12.4 | ///// | 111111 |
| TOTALS | 34.5 | 25.3 | 17.0 | 6.4 | 3.5 | .4 | .2 | | | | | 100.0 | 6.7 | 6.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: MAY BOURS: 12-14

| | | LS | T TO UI | C: + 8 | | | | | MONTH | : MAY | HOUR | 8: 12-14 | 1 | |
|------------------------|---------------|---------------|---------|---------|---------|---------------|---------------|---------|---------------|---------------|---------|---------------|--------------|---------------|
| | • • • • • • • | | ••••• | ••••• | WIND S | PEED IN | KNOTS | | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • | • • • • • • • |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | | 30-34 | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | MEAN WIND | MEDIAN |
| (N) 350-010 | 1.7 | 9 | ••••• | .1 | ••••• | ••••• | ••••• | | ••••• | | ••••• | 2.7 | 4.6 | 4.0 |
| (, 220 010 | ••• | • | | | | | | | | | | | ••• | 4.0 |
| 020-040 | 2.8 | 2.3 | 1.3 | .2 | | | | | | | | 6.6 | 6.3 | 5.0 |
| 050-070 | 3.1 | 2.4 | .9 | .2 | | | | | | | | 6.6 | 5.7 | 5.0 |
| 030-070 |] 3 | 2.4 | | . 2 | | | | | | | | 0.0 | 3.7 | 5.0 |
| (E) 080-100 | 2.2 | 2.2 | .9 | | | | | | | | | 5.2 | 5.5 | 5.0 |
| 110-130 | 3.2 | | 1.2 | | | | | | | | | | | |
| 110-130 | 3.2 | 3.1 | 1.2 | .2 | .2 | | | | | | | 8.0 | 6.3 | 5.5 |
| 140-160 | 3.1 | 4.2 | 2.2 | .6 | .6 | | | | | | | 10.8 | 8.0 | 7.0 |
| | ١ | | | | | _ | | | | | | | | |
| (8) 170-190 | 3.9 | 3.4 | 4.0 | 2.8 | 1.1 | .2 | | | | | | 15.4 | 10.2 | 10.0 |
| 200-220 | 3.4 | 4.5 | 4.6 | 3.1 | 2.0 | .4 | | | | | | 18.2 | 11.3 | 10.0 |
| | | | | _ | | | | | | | | | | |
| 230-250 | 2.8 | 1.7 | 2.3 | .5 | .8 | .2 | | | | | | 8.3 | 9.4 | 8.0 |
| (W) 260-280 | 2.0 | .9 | 1.1 | .3 | .1 | | | | | | | 4.4 | 7.0 | 5.0 |
| | l | _ | | | | | | | | | | | | |
| 290-310 | 1.5 | .6 | .9 | .9 | | | | | | | | 3.9 | 8.4 | 7.0 |
| 320-340 | 1.7 | .3 | .4 | .2 | | | | | | | | 2.7 | 5.4 | 2.0 |
| | İ | | | | | | | | | | | | | |
| VARIABLE | | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | | •••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| VARLADED | | | | | | | | | | | | | | |
| CALM | /////// | ////// | /////// | /////// | /////// | /////// | /////// | /////// | /////// | /////// | /////// | 7.5 | ///// | ///// |
| TOTALS | 31.4 | 26.5 | 19.8 | | 4.0 | _ | | | | | | 100.0 | | 7.0 |
| TOTALO | 1 21.4 | 20.3 | 19.6 | 9.1 | 4.8 | .8 | | | | | | 100.0 | 7.7 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 45

OPERATING LOCATION "A"

PERCENTAGE PREQUENCY OF OCCURRENCE SURPACE WIND DIRECTION VERSUS WIND SPEED

USAFFTAC, ASHEVILLE NC FROM BOURLY OBSERVATIONS STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: MAY HOURS: 15-17 LST TO UTC: + 8 WIND SPRED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN DIRECTION (DECREES) WIND WIND (N) 350-010 .2 020-040 1.4 1.4 1.1 .1 .1 4.1 7.4 5.5 050-070 4.4 2.3 1.4 3.7 4.0 .3 (B) 080-100 2.4 1.4 1.0 5.1 6.2 5.0 110-130 2.8 2.0 1.4 .1 6.3 5.0 .1 140-160 1.7 2.4 1.5 .1 .3 6.0 7.8 6.0 (S) 170-190 3.1 4.2 3.7 2.5 1.0 14.6 10.1 9.5 200-220 3.1 4.5 7.8 6.9 27.0 13.0 4.4 .2 14.0 230-250 2.6 3.4 3.4 2.0 1.0 12.7 10.2 10.0 (W) 260-280 1.4 1.0 1.4 .5 .1 4.4 8.3 8.0 290-310 1.0 .9 1.1 .4 .2 .1 3.7 9.9 9.5 320-340 .8 .6 .4 .2 .2 .1 9.1 6.5 VARIABLE CALM 23.7 23.7 23.0 13.1 TOTALS 7.4 100.0 9.0 9.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAY BOURS: 18-20 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES) • (M) 350-010 1.8 .9 .4 .1 .1 3.3 5.8 4.0 020-040 4.4 2.3 .8 .3 .3 5.9 4.0 8.1 050-070 3.3 1.3 .1 4.7 4.1 4.0 (E) 080-100 3.2 .5 .5 .1 4.7 3.0 110-130 2.6 2.9 .9 .2 6.6 6.1 6.0 140-160 3.1 3.2 1.7 .1 8.2 6.3 6.0 (8) 170-190 3.4 6.2 5.5 1.8 .5 17.5 9.0 8.0 200-220 2.7 4.2 7.6 2.5 1.8 .1 18.9 11.2 11.0 230-250 1.6 1.3 2.7 .6 6.3 9.1 10.0 (W) 260-280 1.0 .8 .9 .2 2.8 7.6 8.0 290-310 1.0 1.4 1.2 .8 .4 .1 4.8 10.7 10.0 320-340 1.1 .3 .2 4.7 3.0 1.6 **VARIABLE** CALM 29.2 25.3 22.4 6.7 3.3 TOTALS 100.0 7.1 7.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: MAY HOURS: 21-23

| | | | 1 10 01 | | | | | | IRAVAL | | BOOK | D. 21-2. | • | |
|------------------------|---------|-------------|---------|-----------------|---------------|---------------|--------|---------------|-----------------|---------------|---------------|----------|---------------|----------------|
| •••••• | ••••• | ••••• | | • • • • • • • • | WIND 8 | BEED IN | RNOTS | | • • • • • • • • | • • • • • • • | ••••• | •••• | • • • • • • • | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 5.1 | 1.3 | .6 | .4 | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | 7.4 | 4.9 | 4.0 |
| 020-040 | 4.8 | 2.3 | 2.0 | .6 | .2 | | | | | | | 10.0 | 6.6 | 5.0 |
| 050-070 | 2.8 | 1.4 | .1 | | | | | | | | | 4.3 | 3.8 | 4.0 |
| (E) 080-100 | 1.2 | .2 | | | | | | | | | | 1.4 | 3.5 | 3.0 |
| 110-130 | .9 | .3 | .4 | .1 | | | | | | | | 1.7 | 6.8 | 5.0 |
| 140-160 | 1.7 | 2.2 | 2.6 | .2 | .1 | | | | | | | 6.8 | 8.2 | 8.0 |
| (8) 170-190 | 3.1 | 8.0 | 7.2 | 1.8 | .5 | | | | | | | 20.6 | 9.1 | 9.0 |
| 200-220 | 4.0 | 3.3 | 2.6 | 1.7 | .9 | .2 | | | | | | 12.7 | 9.2 | 8.0 |
| 230-250 | 2.3 | 2.0 | .4 | .4 | .1 | | | | | | | 5.3 | 6.2 | 5.0 |
| (W) 260-280 | 1.1 | .5 | .2 | .2 | | | | | | | | 2.0 | 6.3 | 4.0 |
| 290-310 | 1.4 | .5 | .8 | .2 | | .1 | .1 | | | | | 3.1 | 8.5 | 7.0 |
| 320-340 | 3.1 | .5 | .1 | | | | | | | | | 3.8 | 3.3 | 3.0 |
| VARIABLE | : ! | • • • • • • | ••••• | • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • | ••••• | | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | /////// | ,,,,,,, | /////// | ,,,,,,, | ////// | /////// | /////// | ////// | ,,,,,,, | 20.9 | ///// | 111111 |
| TOTALS | 31.5 | 22.5 | 17.0 | 5.6 | 1.8 | .3 | .1 | | | | | 100.0 | 5.8 | 6.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: RELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LS | T TO U | .C: + 8 | | | | | MONT | H: MAY | HOUR | S: ALL | | |
|-------------|---------|---------------|---------|---------------|--------|-----------------|--------|--------|---------------|---------------|---------------|--------|-------------|--------|
| ••••• | ••••• | • • • • • • | ••••• | • • • • • • • | WTWD | SPEED IN | FWYTE | ••••• | • • • • • • • | • • • • • • • | ••••• | ****** | • • • • • • | ••••• |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | j | ••••• | ••••• | | ••••• | • • • • • • • | ••••• | | • • • • • • | • • • • • • | • • • • • • • | * | WIND | WIND |
| (M) 350-010 | 3.4 | .9 | .5 | .1 | .0 | • • • • • • • | ••••• | | • • • • • • • | • • • • • • | • • • • • • • | 4.9 | 4.7 | 3.0 |
| 020-040 | 4.1 | 2.3 | 1.5 | .3 | .1 | | | | | | | 8.3 | 6.2 | 5.0 |
| 050-070 | 3.8 | 2.4 | .4 | .1 | | | | | | | | 6.7 | 4.7 | 4.0 |
| (E) 060-100 | 2.3 | .9 | .3 | .1 | | | | | | | | 3.7 | 4.7 | 4.0 |
| 110-130 | 2.0 | 1.5 | .6 | .1 | .0 | | | | | | | 4.3 | 5.8 | 5.0 |
| 140-160 | 2.4 | 2.2 | 1.7 | .3 | .2 | | | | | | | 6.8 | 7.5 | 7.0 |
| (8) 170-190 | 3.2 | 4.9 | 5.1 | 2.4 | .8 | .1 | | | | | | 16.6 | 9.8 | 10.0 |
| 200-220 | 3.4 | 3.4 | 3.8 | 2.4 | 1.5 | .2 | | | | | | 14.8 | 10.6 | 10.0 |
| 230-250 | 2.0 | 1.5 | 1.2 | .5 | .3 | .1 | | | | | | 5.6 | 8.2 | 6.0 |
| (W) 260-280 | 1.4 | .6 | .6 | .2 | .1 | | | | | | | 2.9 | 6.7 | 5.0 |
| 290-310 | 1.3 | .8 | .9 | .5 | .3 | .1 | .1 | | | | | 4.0 | 9.8 | 9.0 |
| 320-340 | 1.7 | .5 | .2 | .1 | .0 | .0 | | | | | | 2.5 | 4.9 | 3.0 |
| VARIABLE | ! | • • • • • • • | ••••• | | ••••• | • • • • • • • • | | ••••• | • • • • • • | • • • • • • | • • • • • • • | ••••• | | ••••• |
| AVETVORE | | | | | | | | | | | | | | |
| CALM | /////// | ////// | '////// | '////// | '///// | /////// | ////// | ////// | ////// | /////// | '////// | 19.0 | ///// | ////// |
| TOTALS | 31.0 | 21.9 | 16.8 | 7.1 | 3.3 | .5 | .1 | | | | | 100.0 | 6.3 | 6.0 |
| | | | | | | | | | | | | | | |

| | | CATION "A" | PERC | ENTAGE | Frequency of From | POCCURRE HOURLY O | | | D DIREC | TION VE | RSUS WI | ND SPEE | D |
|------|-----------|------------|---------------------------|---------|----------------------|----------------------|---------------|---------------|---------|---------------|---------|-------------|--------|
| STAT | PION NUMB | ER: 723865 | STATION N LST TO UI | .C: + 8 | LLIS AFB/LA | | | HONTH | : MAY | BOUR | S: ALL | | |
| CATE | CORY A: | | 200 BUT LES | AMD/OR | 1 | | | | • | | • | me 200 | PPDM |
| | | | | • | | | | - | | • | | | |
| _ | | | | | WIND SPEED | | | | | | | | |
| | IRECTION | • | 5-9 10-14 | | | | | | | | | | MEDIAN |
| (| DEGREES) | 1 | | | | | | | | | • | WIND | WIND |
| | 350-010 | | • • • • • • • • • • • • • | ••••• | ••••• | • • • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | | ••••• |
| • | 020-040 | | | | | | | | | | | | |
| | 050-070 | | | | | | | | | | | | |
| (B) | 080-100 | | | | | | | | | | | | |
| | 110-130 | | | | | | | | | | | | |
| | 140-160 | | | | | | | | | | | | |
| (8) | 170-190 | · · | | | | | | | | | | | |
| | 200-220 | | | | | | | | | | | | |
| | 230-250 | | | | 100 | .0 | | | | | 100.0 | 25.0 | 25.0 |
| (W) | 260-280 | | | | | | | | | | | | |
| | 290-310 | | | | | | | | | | | | |
| | 320-340 | | | | | | | | | | | | |
| ٠ | ARIABLE | | •••••• | ••••• | •••••• | • • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• |
| | CALM | ,,,,,,,,, | ,,,,,,,,,,, | ,,,,,,, | ,,,,,,,,,,, | //////// | ,,,,,,, | /////// | 7///// | /////// | .0 | ///// | 111111 |
| 1 | OTALS | | | | 100 | .0 | | | | | 100.0 | 25.0 | 25.0 |
| | | | T | TAL NUM | BER OF OBSE | RVATIONS | 1 | | | | | | |

C - 4 - 50

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUN BOURS: 00-02

| | | | 10 01 | + 6 | | | | | PARIL | 1. OON | LOOK | D. 00-02 | • | |
|------------------------|-----------------|---------------|---------|---------|--------|-------------|--------|---------------|---------------|---------------|---------|---------------|--------------|----------------|
| •••••• | • • • • • • • • | • • • • • • • | ***** | ••••• | WIND 8 | PRED IN | KNOTS | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (M) 350-010 | 7.3 | 1.2 | .1 | ••••• | ••••• | ••••• | ••••• | | • • • • • • • | • • • • • • • | ••••• | 8.7 | 3.0 | 2.0 |
| 020-040 | 6.2 | 2.4 | 1.3 | .9 | | .1 | | | | | | 11.0 | 6.1 | 4.0 |
| 050-070 | 3.9 | 2.3 | .8 | | | | | | | | | 7.0 | 4.9 | 4.0 |
| (E) 080-100 | 1.4 | 1.2 | | | | | | | | | | 2.7 | 4.1 | 4.0 |
| 110-130 | .4 | .4 | .1 | | | | | | | | | 1.0 | 5.2 | 6.0 |
| 140-160 | 1.1 | 1.7 | .8 | .2 | | | | | | | | 3.8 | 7.3 | 7.0 |
| (8) 170-190 | 3.7 | 11.2 | 7.0 | 1.7 | .2 | | | | | | | 23.8 | 8.4 | 8.0 |
| 200-220 | 2.9 | 3.4 | 1.2 | .6 | | | | | | | | 8.1 | 6.5 | 6.0 |
| 230-250 | 2.2 | .9 | .1 | | | | | | | | | 3.2 | 3.9 | 4.0 |
| (W) 260-280 | 1.4 | .1 | .1 | | | | | | | | | 1.7 | 3.7 | 4.0 |
| 290-310 | 1.4 | .3 | | | | | | | | | | 1.8 | 3.3 | 3.0 |
| 320-340 | 2.2 | .7 | | | | | | | | | | 2.9 | 3.7 | 3.5 |
| VARIABLE | ! | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | /////// | /////// | ////// | ////// | ////// | /////// | ////// | /////// | /////// | 24.4 | ///// | ///// |
| TOTALS | 34.1 | 25.8 | 11.5 | 3.4 | .2 | .1 | | | | | | 100.0 | 4.6 | 5.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN BOURS: 03-05

| | | LS | T TO UI | C: + 8 | | | | | MONTE | I: JUN | HOUR | 8: 03-05 | i | |
|---------------------|-----------------|-------------|---------------|---------|---------|---------------|--------|---------|---|---------------|---------------|---------------|--------------|------------------|
| •••••• | • • • • • • • • | • • • • • • | • • • • • • • | ••••• | WTIME C | SPEED IN | EMOVPG | ••••• | • • • • • • • | | • • • • • • • | • • • • • • • | ••••• | ••••• |
| DIRECTION (DECREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MEAN WIND | MEDIAN MEDIAN |
| (N) 350-010 | 7.7 | .8 | .1 | .1 | .1 | .1 | ••••• | ••••• | ••••• | • • • • • • • | ••••• | 8.9 | 3.7 | 3.0 |
| 020-040 | 8.4 | 2.6 | -4 | .1 | | | | | | | | 11.6 | 3.9 | 3.0 |
| 050-070 | 4.8 | 2.9 | .4 | | | | | | | | | 8.1 | 4.3 | 4.0 |
| (E) 080-100 | 1.2 | .2 | .1 | | | | | | | | | 1.6 | 3.9 | 4.0 |
| 110-130 | .9 | .4 | | | | | | | | | | 1.3 | 4.1 | 3.0 |
| 140-160 | .8 | .9 | .6 | .1 | | | | | | | | 2.3 | 6.8 | 6.0 |
| (8) 170-190 | 1.7 | 5.0 | 7.1 | 1.4 | .1 | | | | | | | 15.3 | 9.7 | 10.0 |
| 200-220 | 2.8 | 2.2 | .6 | .1 | | | | | | | | 5.7 | 5.6 | 5.0 |
| 230-250 | 2.1 | 1.0 | | | | | | | | | | 3.1 | 4.1 | 4.0 |
| (W) 260-280 | 1.3 | .6 | | .1 | | | | | | | | 2.0 | 4.7 | 4.0 |
| 290-310 | 1.9 | .6 | | | | | | | | | | 2.4 | 3.3 | 2.0 |
| 320-340 | 3.4 | .1 | | | | | | | | | | 3.6 | 2.7 | 2.0 |
| VARIABLE | ! | • • • • • • | ••••• | | ••••• | • • • • • • • | | ••••• | • | | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | /////// | ////// | /////// | ////// | ////// | '////// | ////// | /////// | ////// | /////// | /////// | 34.1 | ///// | 111111 |
| TOTALS | 37.0 | 17.3 | 9.3 | 1.9 | .2 | .1 | | | | | | 100.0 | 3.6 | 4.0 |
| | | | 700 | TAL HER | ORR OF | OBSERVA | TORR | 900 | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: JUN HOURS: 06-08 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DECREES) WIND WIND • (N) 350-010 2.3 4.4 2.0 020-040 4.1 2.0 1.0 .1 7.2 5.2 4.0 050-070 5.4 2.4 .3 8.2 4.2 4.0 (E) 080-100 2.2 1.6 .3 4.1 4.5 4.0 110-130 2.4 .8 3.2 3.5 2.0 140-160 2.3 1.6 1.1 5.0 5.6 5.0 (8) 170-190 3.9 2.7 4.3 1.2 12.6 8.8 8.0 200-220 5.0 2.1 1.6 .3 9.0 5.6 4.0 230-250 1.7 .1 1.9 3.3 3.0 (W) 260-280 .6 .6 .2 .1 1.4 8.0 6.0 290-310 1.4 .2 1.7 2.5 2.0 320-340 -1 .1 1.7 3.7 2.0 VARIABLE CALM TOTALS 31.8 14.7 9.1 1.8 .5 .1 100.0 3.3

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PLETYC' MONTH AND MC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN BOURS: 09-11

| ••••••• | • • • • • • • • • | ••••• | ••••• | | | PEED IN | | ••••• | | ••••• | | ••••• | ••••• | ••••• |
|------------------------|-------------------|-------|---------------|--------|--------|---------|--------|---------------|---------|--------|---------|-------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (M) 350-010 | 2.0 | 1.3 | .1 | .1 | .1 | | ••••• | ****** | ••••• | ****** | | 3.7 | 5.3 | 4.0 |
| 020-040 | 2.6 | 3.1 | 1.4 | .1 | .2 | | | | | | | 7.4 | 7.0 | 7.0 |
| 050-070 | 3.7 | 4.3 | .9 | | | | | | | | | 8.9 | 5.3 | 5.0 |
| (E) 080-100 | 5.6 | 3.3 | 1.1 | | | | | | | | | 10.0 | 5.1 | 4.0 |
| 110-130 | 4.9 | 4.4 | .3 | .1 | | | | | | | | 9.8 | 4.8 | 4.5 |
| 140-160 | 5.1 | 3.6 | 1.2 | .6 | | | | | | | | 10.4 | 5.9 | 5.0 |
| (8) 170-190 | 4.9 | 3.4 | 4.1 | 2.1 | .4 | | | | | | | 15.0 | 8.7 | 8.0 |
| 200-220 | 4.8 | 2.9 | 2.4 | 1.1 | .2 | .2 | .1 | | | | | 11.8 | 7.9 | 6.0 |
| 230-250 | 2.9 | .7 | .4 | .1 | | | | | | | | 4.1 | 4.6 | 3.0 |
| (W) 260-280 | .9 | .4 | .4 | .1 | .1 | | | | | | | 2.0 | 7.3 | 5.5 |
| 290-310 | 1.4 | .2 | .3 | .1 | .1 | | | | | | | 2.2 | 6.3 | 3.5 |
| 320-340 | .2 | | | .1 | | | | | | | | .3 | 7.3 | 4.0 |
| ••••• | <u> </u> : | | • • • • • • • | | ••••• | ••••• | | • • • • • • • | | | | ••••• | | |
| VARIABLE | | | | | | | | | | | | | | |
| CALH | 11111111 | ///// | /////// | ////// | ////// | /////// | ////// | /////// | /////// | ////// | /////// | 14.3 | ///// | ////// |
| TOTALS | 39.0 | 27.6 | 12.6 | 4.5 | 1.1 | .2 | .1 | | | | | 100.0 | 5.5 | 5.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN HOURS: 12-14

| | LST TO UTC: + 8 | | | | | | MONTH: JUN HOU! | | | HOUR | RS: 12-14 | | | |
|------------------------|-----------------|-------|---------|---------|--------|---------------|-----------------|-------------|--------|-------------|-----------|---------------|--------------|----------------|
| *********** | • • • • • • • • | ••••• | ••••• | ••••• | WIND S | PERD IN | KNOTS | | ••••• | | ••••• | | • • • • • • | ••••• |
| DIRECTION (DECREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | mean Wind | MEDIAN WIND |
| (N) 350-010 | 1.7 | .4 | .2 | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • | ••••• | 2.3 | 4.1 | 3.0 |
| 020-040 | 2.0 | .7 | .3 | | | | | | | | | 3.0 | 4.6 | 4.0 |
| 050-070 | 2.8 | 2.1 | .4 | | | | | | | | | 5.3 | 4.8 | 4.0 |
| (E) 080-100 | 2.0 | 3.0 | 1.0 | .3 | | | | | | | | 6.3 | 6.5 | 5.0 |
| 110-130 | 2.8 | 3.3 | 1.8 | .1 | | | | | | | | 8.0 | 6.4 | 6.0 |
| 140-160 | 3.1 | 4.9 | 4.0 | 1.7 | .2 | | | | | | | 13.9 | 8.4 | 8.0 |
| (8) 170-190 | 3.0 | 5.4 | 3.8 | 2.8 | .3 | | | | | | | 15.3 | 9.3 | 8.0 |
| 200-220 | 3.3 | 5.0 | 6.6 | 4.0 | 2.4 | .2 | | | | | | 21.6 | 11.4 | 10.5 |
| 230-250 | 2.9 | 3.0 | 2.7 | .7 | .2 | | | | .1 | | | 9.6 | 8.2 | 6.5 |
| (W) 260-280 | 1.3 | .9 | .1 | .2 | | | | | | | | 2.6 | 5.7 | 4.0 |
| 290-310 | .8 | .3 | .4 | .4 | | | | | | | | 2.0 | 8.4 | 7.5 |
| 320-340 | 1.3 | .2 | .2 | | .1 | | | | | | | 1.9 | 4.8 | 2.0 |
| VARIABLE | | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | ///// | /////// | ,,,,,,, | ////// | /////// | ////// | /////// | ////// | ////// | /////// | 8.2 | ///// | 777777 |
| TOTALS | 27.0 | 29.2 | 21.5 | 10.2 | 3.2 | .2 | | | .1 | | | 100.0 | 7.6 | 7.0 |
| | | | TC | TAL NUM | BER OF | OBSERVA | TIONS | 900 | | | | | | |

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C - 4 - 55

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN HOURS: 15-17

| ••••• | • • • • • • • • | • • • • • • | ••••• | ••••• | | PEED IN | ENECTED | ••••• | • • • • • • • | ••••• | | •••••• | ••••• | ••••• |
|------------------------|-----------------|-------------|--------|--------|-------------|---------|---------|--------|---------------|---------------|-----------------|--------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 1.0 | .2 | .2 | ••••• | • • • • • • | •••••• | •••••• | ••••• | ••••• | • • • • • • • | • • • • • • • • | 1.4 | 4.3 | 3.0 |
| 020-040 | 1.3 | .8 | .7 | .2 | | .1 | | | | | | 3.1 | 7.1 | 6.0 |
| 050-070 | 1.1 | 1.2 | .3 | .1 | | | | | | | | 2.8 | 6.1 | 6.0 |
| (B) 080-100 | 1.6 | 2.9 | 1.4 | .2 | .1 | | | | | | | 6.2 | 7.4 | 7.0 |
| 110-130 | 1.2 | 2.8 | 2.1 | .2 | | | | | | | | 6.3 | 7.9 | 8.0 |
| 140-160 | 3.3 | 2.9 | 2.6 | 1.2 | .1 | | | | | | | 10.1 | 7.9 | 8.0 |
| (8) 170-190 | 3.0 | 5.4 | 5.2 | 2.6 | .2 | | | | | | | 16.4 | 9.7 | 9.0 |
| 200-220 | 3.7 | 5.3 | 11.4 | 5.4 | 2.4 | .1 | | | | | | 28.4 | 11.5 | 11.5 |
| 230-250 | 2.0 | 2.3 | 4.2 | 1.8 | .2 | | | | | | | 10.6 | 10.3 | 11.0 |
| (W) 260-280 | 1.6 | .7 | .9 | .6 | | | | | | | | 3.7 | 7.6 | 7.0 |
| 290-310 | 1.2 | .6 | .7 | .3 | .1 | .1 | .1 | | | | | 3.1 | 9.2 | 6.0 |
| 320-340 | .8 | .2 | .2 | | | | | | | | | 1.2 | 4.2 | 3.0 |
| VARIABLE | <u> </u> | ••••• | | ••••• | ••••• | ••••• | ••••• | ••••• | | • • • • • • • | • • • • • • • | ••••• | •••• | ••••• |
| CALM | ,,,,,,, | ////// | ////// | ,,,,,, | ,,,,,, | /////// | ////// | ////// | ////// | ////// | ,,,,,,, | 6.6 | ///// | ////// |
| TOTALS | 21.8 | 25.3 | 29.9 | 12.6 | 3.1 | .3 | .1 | | | | | 100.0 | 8.8 | 9.0 |

TOTAL NUMBER OF OBSERVATIONS 900

C - 4 - 56

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN BOURS: 18-20

| | | | | ••••• | | PEED IN | | | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• |
|------------------------|---------|-------------|--------|---------|--------|---------------|-------|---------|---------|---------|---------|---------------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | wind Wind | MEDIAN WIND |
| (N) 350-010 | 1.3 | .6 | ****** | ••••• | ****** | ••••• | | ••••• | ••••• | ••••• | ••••• | 1.9 | 3.4 | 2.0 |
| 020-040 | 1.8 | .7 | .7 | .3 | .4 | | | | | | | 3.9 | 8.5 | 6.0 |
| 050-070 | 2.2 | .9 | .1 | .1 | | | | | | | | 3.3 | 4.4 | 3.0 |
| (E) 080-100 | 2.4 | 1.7 | .3 | | | | | | | | | 4.4 | 4.8 | 4.0 |
| 110-130 | 2.0 | 2.9 | 2.2 | .1 | | | | | | | | 7.2 | 7.6 | 7.0 |
| 140-160 | 3.9 | 3.4 | 3.7 | .4 | .2 | | | | | | | 11.7 | 7.7 | 7.0 |
| (8) 170-190 | 6.7 | 6.8 | 5.2 | 1.4 | .3 | | | | | | | 20.4 | 7.9 | 7.0 |
| 200-220 | 3.7 | 8.1 | 5.9 | 1.7 | .4 | | | | | | | 19.8 | 8.8 | 8.0 |
| 230-250 | 1.6 | 3.8 | 1.9 | 1.0 | | | | | | | | 8.2 | 8.3 | 8.0 |
| (W) 260-280 | 1.0 | 1.0 | .4 | .4 | .3 | | | | | | | 3.2 | 8.9 | 7.0 |
| 290-310 | .3 | 1.2 | .7 | .4 | .3 | | | | | | | 3.0 | 10.4 | 9.0 |
| 320-340 | .7 | .4 | .1 | | | | | | | | | 1.2 | 4.2 | 4.0 |
| VARIABLE | ! ! | • • • • • • | ••••• | ••••• | | • • • • • • • | ••••• | | | ••••• | ••••• | • • • • • • • | | ••••• |
| CALM | /////// | '///// | ////// | ,,,,,,, | ////// | //////// | ///// | ,,,,,,, | /////// | /////// | ,,,,,,, | 11.7 | ///// | ///// |
| TOTALS | 27.6 | 31.5 | 21.2 | 5.8 | 1.9 | | | | | | | 100.0 | 6.9 | 7.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: JUN BOURS: 21-23

| | | LS | T TO UI | C: + 8 | | | | | HONTE | i: JUN | HOUR | 8: 21-23 | 3 | |
|------------------------|---------|--------|---------|--------|--------|---------|--------|---------------|---------------|---------------|-------------|----------|-------------|----------------|
| ••••• | ••••• | ••••• | | ••••• | WIND S | PEED IN | KNOTS | | • • • • • • • | • • • • • • • | •••• | ••••• | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | WEAN | MEDIAN WIND |
| (N) 350-010 | 4.7 | .4 | .2 | .1 | ****** | ••••• | ****** | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | 5.4 | 3.6 | 3.0 |
| 020-040 | 4.3 | 1.1 | 1.6 | .8 | .2 | | | | | | | 8.0 | 7.1 | 4.0 |
| 050-070 | 1.7 | 1.8 | .6 | .1 | | | | | | | | 4.1 | 5.8 | 5.0 |
| (E) 080-100 | 1.4 | .2 | -1 | | | | | | | | | 1.8 | 3.9 | 3.5 |
| 110-130 | 1.2 | .3 | .7 | .3 | | | | | | | | 2.6 | 7.5 | 7.0 |
| 140-160 | 2.4 | 4.0 | 2.3 | | | | | | | | | 8.8 | 7.0 | 6.0 |
| (8) 170-190 | 7.0 | 10.9 | 4.8 | 1.4 | .1 | | | | | | | 24.2 | 7.4 | 6.5 |
| 200-220 | 6.9 | 2.9 | .6 | .3 | .2 | | | | | | | 10.9 | 5.2 | 4.0 |
| 230-250 | 2.8 | .9 | .1 | .1 | | | | | | | | 3.9 | 4.2 | 4.0 |
| (W) 260-280 | 1.9 | .4 | | .1 | .1 | | | | | | | 2.6 | 4.7 | 3.0 |
| 290-310 | 1.6 | .8 | .2 | | .1 | | | | | | | 2.7 | 5.3 | 3.5 |
| 320-340 | 2.0 | .6 | | | | | | | | | | 2.6 | 3.7 | 4.0 |
| VARIABLE | i | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | /////// | ////// | ////// | ////// | ////// | /////// | /////// | /////// | ,,,,,, | 22.6 | ///// | ////// |
| TOTALS | 37.9 | 24.3 | 11.2 | 3.2 | .7 | | | | | | | 100.0 | 4.7 | 5.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUN HOURS: ALL

| | | | | | | | | | 120112 | | 110014 | J. 122 | | |
|-------------|----------------------|---------------|--------|--------|--------|---------|--------|--------|---------|--------|---------|---------------|-------------|--------|
| DIRECTION | 1 1-4 | 5-9 | 10-14 | 15-19 | | PEED IN | | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | MBAN | MEDIAN |
| (DEGREES) | • | ••••• | | | | | | | | | | | WIND | WIND |
| | 1 • • • • • • • • | | | | | | | | | | | • • • • • • • | | |
| (M) 350-010 | 3.4 | .7 | .2 | .0 | .0 | .0 | | | | | | 4.3 | 3.8 | 3.0 |
| 020-040 | 3.8 | 1.7 | .9 | .3 | -1 | .0 | | | | | | 6.9 | 5.9 | 4.0 |
| 050-070 | 3.2 | 2.3 | .5 | .0 | | | | | | | | 6.0 | 4.8 | 4.0 |
| (E) 080-100 | 2.2 | 1.8 | .6 | .1 | .0 | | | | | | | 4.6 | 5.5 | 5.0 |
| 110-130 | 2.0 | 1.9 | .9 | .1 | | | | | | | | 4.9 | 6.2 | 6.0 |
| 140-160 | 2.8 | 2.9 | 2.0 | .5 | .1 | | | | | | | 8.2 | 7.3 | 6.0 |
| (8) 170-190 | 4.2 | 6.4 | 5.2 | 1.8 | .3 | | | | | | | 17.9 | 8.6 | 8.0 |
| 200-220 | 4.1 | 4.0 | 3.8 | 1.7 | .7 | .1 | .0 | | | | | 14.4 | 9.0 | 8.0 |
| 230-250 | 2.3 | 1.6 | 1.2 | .5 | .1 | | | | .0 | | | 5.6 | 7.2 | 6.0 |
| (W) 260-280 | 1.3 | .6 | .3 | .2 | .1 | .0 | | | | | | 2.4 | 6.5 | 4.0 |
| 290-310 | 1.3 | .5 | .3 | .2 | .1 | .0 | .0 | | | | | 2.4 | 6.5 | 4.0 |
| 320-340 | 1.5 | .3 | .1 | .0 | .0 | | | | | | | 1.9 | 3.7 | 3.0 |
| VARIABLE | : | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | /////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | /////// | ////// | ,,,,,,, | 20.4 | ///// | ///// |
| TOTALS | 32.1 | 24.7 | 16.0 | 5.4 | 1.5 | .1 | | | | | | 100.0 | 5.6 | 6.0 |

| | | CATION "A" | | PERC | entage | _ | FROM HO | | | | D DIREC | TION VE | RSUS WIN | D SPEE | Ď |
|-----|-----------|------------|-----------|-------------|------------------|--------|---------------|---------|---------|-------------|---------|-------------|----------|--------|--------|
| | | KR: 723865 | LS | T TO UT | C: + 8 | | | | | MONTH | : JUN | BOUR | S: ALL | | |
| | EGORY A: | CEILING GE | 200 | BUT LES | s than and/or | 1500 I | FRET WIT | W VISIE | ILITY G | B 1/2 M | ILE (08 | OO METE | RS). | | |
| ••• | ••••• | •••••• | •••• | • • • • • • | ••••• | WIMD S | SPEED IN | | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• |
| | DIRECTION | 1-4 | | | | 20-24 | 25-29 | 30-34 | | | | | | MEAN | MEDIAN |
| ••• | (DEGREES) | | | | | | • • • • • • • | | | | | | | WIND | WIND |
| (N) | 350-010 | Ι | •••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• |
| | 020-040 | | | | | | | | | | | | | | |
| | 050-070 | | | | | | | | | | | | | | |
| (B) | 080-100 | | | | | | | | | | | | | | |
| | 110-130 | 1 | | | | | | | | | | | | | |
| | 140-160 | | | | | | | | | | | | | | |
| (8) | 170-190 | | | | | | | | | | | | | | |
| | 200-220 | •. | | | | | | | | | | | | | |
| | 230-250 | | | | | | | | | 100.0 | | | 100.0 | 40.0 | 25.0 |
| (W) | 260-280 | | | | | | | | | | | | | | |
| | 290-310 | | | | | | | | | | | | | | |
| | 320-340 | | | | | | | | | | | | | | |
| ••• | variable | | • • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• | • • • • • • | ••••• | ••••• | ••••• |
| | CALM | //////// | ///// | ////// | ////// | ////// | /////// | /////// | ,,,,,, | ////// | ////// | ,,,,,,, | .0 | ///// | 111111 |
| | TOTALS | | | | | | | | | 100.0 | | | 100.0 | 40.0 | 25.0 |
| | | | | TO | TAL NUM | BER OF | OBSERVA | TIONS | 1 | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WRLLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 61 - SEP 91
LST TO UTC: + 8 MONTH: JUL BOURS: 00-02

| | | LS | T TO UI | C: + 8 | | | | | MONTE | i: Jul | HOUR | 8: 00-02 | 2 | |
|------------------------|-----------------|-------------|---------|---------|---------|----------|---------|--------|---------------|---------------|---------|---------------|--------------|----------------|
| ••••• | • • • • • • • • | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | KMOTS | | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (m) 350-010 | 6.8 | .6 | ••••• | ••••• | ••••• | ••••• | ••••• | ****** | ••••• | ••••• | | 7.4 | 2.7 | 2.0 |
| 020-040 | 7.6 | 2.0 | 1.4 | .1 | .1 | | | | | | | 11.3 | 4.8 | 4.0 |
| 050-070 | 4.9 | 3.3 | .5 | | | | | | | | | 8.8 | 4.8 | 4.0 |
| (E) 080-100 | 2.6 | .6 | .3 | | | | | | | | | 3.5 | 3.9 | 3.0 |
| 110–130 | 1.3 | .4 | .2 | | | | | | | | | 1.9 | 4.4 | 3.5 |
| 140-160 | 1.4 | .8 | 1.4 | .2 | .2 | | | | | | | 4.0 | 8.3 | 6.0 |
| (8) 170-190 | 2.8 | 8.8 | 4.5 | .4 | .1 | | | | | | | 16.7 | 7.7 | 8.0 |
| 200-220 | 4.7 | 2.7 | .4 | .2 | | | | | | | | 8.1 | 5.0 | 4.0 |
| 230-250 | 2.7 | .8 | .2 | | | | | | | | | 3.7 | 4.2 | 4.0 |
| (W) 260-280 | 1.4 | .4 | .1 | .2 | | | | | | | | 2.2 | 5.0 | 4.0 |
| 290-310 | 1.5 | .4 | .3 | .1 | | | .1 | | | | | 2.5 | 6.5 | 4.0 |
| 320-340 | 2.7 | .2 | | | | | | | | | | 2.9 | 2.4 | 2.0 |
| VARIABLE | ! ! | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | /////// | | ,,,,,,, | ,,,,,,, | ·////// | 27.1 | ,,,,,, | ///// |
| | | | | | | | | | | | | | | |
| TOTALS | 40.4 | 21.0 | 9.3 | 1.2 | .4 | | .1 | | | | | 100.0 | 3.9 | 4.0 |

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL BOURS: 03-05

| | | LS | T 10 UI | C: + 8 | | | | | MONTE | i: JUL | BOUR | 8: 03-05 | 5 | |
|------------------------|----------|--------|-------------|--------|---------|---------|--------|---------------|---------------|--------|-----------------|-----------------|--------------|-------|
| ••••• | | ••••• | • • • • • • | ••••• | WIND 8 | PEED IN | KNOTS | • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TCTSI. | MEAN WIND | WIND |
| (N) 350-010 | 6.6 | .8 | .2 | ••••• | ••••• | ••••• | | • • • • • • | • • • • • • | ••••• | • • • • • • • • | 7.5 | 3.2 | 2.0 |
| 020-040 | 8.8 | 1.4 | .1 | .1 | .1 | | | | | | | 10.5 | 3.4 | 2.0 |
| 050-070 | 7.0 | 4.4 | .2 | .1 | | | | | | | | 11.7 | 4.2 | 4.0 |
| (E) 080-100 | 2.7 | 1.4 | .3 | | | | | | | | | 4.4 | 4.1 | 3.0 |
| 110-130 | 1.8 | .8 | .2 | | | | | | | | | 2.8 | 4.3 | 3.5 |
| 140-160 | 2.6 | 1.3 | .4 | .1 | | | | | | | | 4.4 | 4.7 | 3.0 |
| (8) 170-190 | 2.6 | 4.3 | 2.7 | .3 | | | | | | | | 9.9 | 7.4 | 7.0 |
| 200-220 | 2.5 | 1.9 | .1 | | | | | | | | | 4.5 | 4.4 | 4.0 |
| 230-250 | 1.8 | .4 | | | | | | | | | | 2.3 | 3.0 | 2.0 |
| (W) 260-280 | 1.9 | .2 | | | | | | | | | | 2.2 | 2.8 | 2.0 |
| 290-310 | 2.3 | .2 | .3 | | | | | | | | | 2.8 | 4.0 | 3.0 |
| 320-340 | 1.9 | .4 | | | | | | | | | | 2.4 | 3.0 | 3.0 |
| VARIABLE | <u> </u> | ••••• | ••••• | ••••• | ••••• | ••••• | | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | 1111111 | ////// | ////// | ////// | /////// | ////// | 7///// | /////// | /////// | ////// | /////// | 34.6 | ///// | ///// |
| TOTALS | 42.5 | 17.5 | 4.5 | .6 | .1 | | | | | | | 100.0 | 2.8 | 3.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUL BOURS: 06-08

| | | | | | | | | | | | | | • | |
|------------------------|-----------------|-------------|--------|--------|--------|---------|--------|---------|---------|---------------|---------------|-----------------|--------------|----------------|
| | • • • • • • • • | • • • • • • | | | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | • • • • • • • | | • • • • • • • • | • • • • • • | |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MBAN WIND | MEDIAN WIND |
| (M) 350-010 | 1.3 | .2 | ••••• | ••••• | ••••• | •••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | 1.5 | 2.6 | 2.0 |
| 020-040 | 3.2 | 2.2 | .8 | | | | | | | | | 6.1 | 4.9 | 4.0 |
| 050-070 | 4.5 | 2.5 | .3 | .1 | | | | | | | | 7.4 | 4.7 | 4.0 |
| (E) 080-100 | 2.2 | 1.7 | .1 | | | | | | | | | 4.0 | 4.4 | 4.0 |
| 110-130 | 2.2 | 3.5 | 1.2 | | | | | | | | | 6.9 | 6.0 | 6.0 |
| 140-160 | 2.3 | 1.7 | .5 | .3 | .2 | | | | | | | 5.1 | 6.7 | 5.0 |
| (8) 170-190 | 6.1 | 2.9 | 3.1 | .8 | .2 | | | | | | | 13.1 | 6.5 | 5.5 |
| 200-220 | 5.5 | 1.2 | .4 | .1 | .1 | | | | | | | 7.3 | 3.9 | 2.0 |
| 230-250 | 1.7 | .6 | | | | | | | | | | 2.4 | 3.4 | 4.0 |
| (W) 260-280 | 1.6 | .4 | .1 | | | | | | | | | 2.2 | 3.4 | 3.0 |
| 290- 310 | 1.5 | .1 | | | | | | | | | | 1.6 | 2.4 | 2.0 |
| 320-340 | 1.2 | .2 | | | | | | | | | | 1.4 | 2.9 | 2.0 |
| variable | | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | | ••••• | • • • • • • | •••••• | • • • • • • • | ••••• | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ,,,,,, | ,,,,,, | ////// | ,,,,,,, | ////// | /////// | /////// | ,,,,,, | ,,,,,,, | 41.1 | ///// | 111111 |
| TOTALS | 33.3 | 17.2 | 6.5 | 1.3 | .5 | | | | | | | 100.0 | 3.0 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL BOURS: 09-11

| | | LS | T TO UI | .C: + 8 | | | | | MONTE | l: JUL | HOUR | 8: 09-1 1 | l | |
|------------------------|------------|-------------|-------------|---------|---------|---------|---------|---------|---------------|---------------|---------|------------------|-------------|----------------|
| ••••• | ••••• | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | MEAN | MEDIAN WIND |
| (M) 350-010 | 1.0 | .2 | .1 | ••••• | ••••• | ••••• | | ••••• | ••••• | • • • • • • • | ••••• | 1.3 | 4.0 | 3.0 |
| 020-040 | 2.5 | 2.4 | 1.3 | .2 | .1 | | | | | | | 6.5 | 6.5 | 6.0 |
| 050-070 | 3.3 | 2.6 | .9 | | | | | | | | | 6.8 | 5.2 | 5.0 |
| (E) 080-100 | 6.0 | 3.8 | .9 | .2 | | | | | | | | 10.9 | 5.0 | 4.0 |
| 110-130 | 5.3 | 5.4 | 2.2 | | | | | | | | | 12.8 | 6.1 | 5.0 |
| 140-160 | 5.7 | 4.6 | 1.8 | .4 | .2 | .1 | | | | | | 12.9 | 6.5 | 5.0 |
| (8) 170-190 | 5.5 | 3.0 | 3.7 | 1.6 | .2 | | | | | | | 14.0 | 7.9 | 6.0 |
| 200-220 | 5.3 | 2.6 | 2.2 | 1.8 | .3 | | | | | | | 12.2 | 7.6 | 6.0 |
| 230-250 | 2.0 | .6 | .1 | .2 | | | | | | | | 3.0 | 4.8 | 3.5 |
| (W) 260-280 | 1.9 | .1 | .1 | | | | | | | | | 2.2 | 3.1 | 2.0 |
| 290-310 | 1.0 | | | | | | | | | | | 1.0 | 2.3 | 2.0 |
| 320-340 | .8 | .2 | | | | | | | | | | 1.0 | 2.9 | 3.0 |
| VARIABLE | ı I | • • • • • • | • • • • • • | ••••• | ••••• | ••••• | | ••••• | • • • • • • | • • • • • • • | ••••• | | | ••••• |
| | | | | | | | | | | | | | | |
| CALM | /////// | ,,,,,, | /////// | '////// | '////// | ''''' | '////// | '////// | '////// | '////// | '////// | 15.7 | ////// | ////// |
| TOTALS | 40.3 | 25.5 | 13.3 | 4.4 | .8 | .1 | | | | | | 100.0 | 5.3 | 5.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NAME: NELLIS AFB/LAS VEGAS NV STATION NUMBER: 723865 PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUL BOURS: 12-14 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES) * WIND WIND (M) 350-010 .1 1.7 2.4 020-040 .5 .3 1.3 .2 2.4 5.9 4.0 050-070 1.7 1.2 .2 .1 3.2 5.3 4.0 (E) 080-100 3.0 2.9 1.9 .2 8.1 6.8 6.0 110-130 3.7 5.5 2.5 .9 12.5 7.3 6.0 4.7 140-160 4.4 2.5 1.1 12.9 7.3 6.0 (8) 170-190 .5 5.4 4.4 2.9 1.7 14.9 8.0 7.0 200-220 6.0 5.3 5.4 4.1 .9 21.7 9.3 . 1 8.0 230-250 3.1 3.3 1.3 .5 7.0 8.4 6.0 (W) 260-280 3.0 .9 .2 .1 4.2 4.4 3.0 290-310 1.4 .6 .2 2.3 4.0 3.0 320-340 .1 1.0 2.4 2.0 VARIABLE CALM 35.0 29.2 17.4 8.7 TOTALS 1.7 100.0 6.8 6.0

OPERATING LOCATION "A"

USAPETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL BOURS: 15-17

| | | LS | et to ui | C: + 8 | | | | | MONTE | i: Jul | HOUR | 8: 15-17 | , | |
|---------------------|--------|--------|----------|--------|---------|---------|--------|---------------|---------------|---------|---------|----------|--------------|----------------|
| ••••• | ••••• | | | ••••• | WIND 8 | PRED IN | KNOTS | • • • • • • • | • • • • • • • | | ••••• | ••••• | | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MRAN WIND | MEDIA! WIND |
| M) 350-010 | 1.1 | .2 | ••••• | ••••• | ••••• | ••••• | | ••••• | ••••• | ••••• | ••••• | 1.3 | 2.7 | 2.0 |
| 020-040 | 1.3 | 1.0 | .1 | .1 | | | | | | | | 2.5 | 5.0 | 4.0 |
| 050-070 | 1.5 | 1.0 | .1 | | | | | | | | | 2.6 | 4.4 | 4.0 |
| E) 080-100 | 2.4 | 2.7 | 1.2 | .2 | | | | | | | | 6.5 | 6.5 | 6.0 |
| 110-130 | 2.4 | 3.1 | 2.8 | .1 | .1 | | | | | | | 8.5 | 7.8 | 8.0 |
| 140-160 | 2.6 | 4.0 | 1.8 | 1.1 | | | | | | | | 9.5 | 7.7 | 6.0 |
| 8) 170-190 | 5.8 | 4.8 | 5.1 | 2.8 | 1.1 | | | | | | | 19.6 | 9.1 | 8.0 |
| 200-220 | 5.8 | 6.7 | 9.1 | 4.8 | 1.6 | | | | | | | 28.1 | 10.3 | 10.0 |
| 230-250 | 3.0 | 3.0 | 3.0 | 1.3 | .3 | | | | | | | 10.6 | 8.5 | 8.0 |
| r) 260–280 | 1.6 | 1.3 | .6 | .2 | .2 | .1 | | | | | | 4.1 | 7.7 | 6.0 |
| 290-310 | .4 | .2 | .1 | .2 | | | | | | | | 1.0 | 7.3 | 5.0 |
| 320-340 | .2 | .2 | | | | | | | | | | .4 | 4.8 | 5.0 |
| VARIABLE | ••••• | ••••• | | ••••• | ••••• | ••••• | | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• |
| CALM | ////// | ,,,,,, | ,,,,,,, | ,,,,,, | ,,,,,,, | /////// | ////// | ,,,,,,, | /////// | /////// | ,,,,,,, | 5.5 | ////// | 111111 |
| TOTALS | 28.1 | 28.2 | 23.9 | 10.8 | 3.3 | .1 | | | | | | 100.0 | 8.1 | 8.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 ~ SEP 91 LST TO UTC: + 8 MONTH: JUL BOURS: 18-20

| | | | | | | | | | | | | | - | |
|------------------------|---------|--------|--------|--------|--------|------------------|--------|--------|--------|-------------|--------|---------------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | PEED IN 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (W) 350-010 | 1.3 | -4 | ••••• | ••••• | ****** | ••••• | ••••• | | ••••• | ••••• | ••••• | 1.7 | 3.5 | 4.0 |
| 020-040 | 1.0 | -4 | .3 | .4 | | | .1 | | | | | 2.3 | 8.7 | 6.0 |
| 050-070 | 1.1 | 1.2 | .4 | .1 | | | | | | | | 2.8 | 6.8 | 7.0 |
| (E) 080-100 | 2.0 | 2.7 | .8 | .3 | | | | | | | | 5.8 | 6.0 | 5.0 |
| 110-130 | 2.2 | 4.0 | 2.3 | 1.1 | .1 | | .1 | | | | | 9.7 | 8.7 | 8.0 |
| 140-160 | 3.8 | 4.7 | 3.8 | .9 | .2 | | | | | | | 13.3 | 7.8 | 7.0 |
| (8) 170-190 | 7.8 | 8.7 | 3.9 | .8 | .1 | .1 | | | | | | 21.4 | 6.7 | 6.0 |
| 200-220 | 5.7 | 6.7 | 6.6 | .8 | | | | | | | | 19.7 | 7.6 | 8.0 |
| 230-250 | 2.2 | 3.7 | 1.9 | .3 | | | | | | | | 8.1 | 7.5 | 7.0 |
| (W) 260-280 | 1.3 | 1.2 | .2 | .3 | | | | | | | | 3.0 | 6.6 | 5.5 |
| 290-310 | 1.0 | .4 | .2 | .1 | .1 | | | | | | | 1.8 | 6.4 | 4.0 |
| 320-340 | .4 | | | | | | | | | | | .4 | 2.0 | 2.0 |
| VARIABLE | ! | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ***** | • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | ,,,,,, | ////// | ,,,,,, | ,,,,,, | ////// | ////// | ////// | /////// | ,,,,,, | 10.0 | ///// | ///// |
| TOTALS | 29.8 | 34.1 | 20.4 | 5.1 | .5 | .1 | .2 | | | | | 100.0 | 6.5 | 7.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUL HOURS: 21-23

| (M) 350-010 | | | | | | | | | | | | | | | |
|--|-------------|---------|--------|-------|---------|-------|---------|---|-------|---------------|---------------|-----------------|-------|-------------|--------|
| (B) 350-010 | | 1-4 | 5-9 | 10-14 | 15-19 | | | | ≎5–39 | 40-49 | 50-64 | GE 65 | | | MEDIAN |
| 020-040 3.4 1.0 .9 .2 .2 .1 5.8 6.1 3.0 050-070 2.3 2.8 .5 .2 5.8 5.8 6.0 (E) 080-100 1.2 .8 .2 .1 2.3 5.3 4.0 110-130 1.4 1.5 1.7 .1 4.7 7.5 6.5 140-160 2.3 3.3 2.5 .4 .1 8.6 7.8 8.0 (8) 170-190 7.1 12.4 4.2 .4 .1 24.2 6.7 6.0 200-220 7.4 4.2 .8 .1 12.5 4.7 4.0 230-250 2.6 1.3 .1 4.0 4.2 4.0 (W) 260-280 1.7 .2 .1 .1 2.2 4.9 2.0 290-310 1.3 .2 .2 .1 .1 .1 2.0 6.8 3.0 320-340 2.6 .4 .1 .1 .1 .1 3.3 4.2 3.0 | (Degrees) | ļ | | | | | | | | | | | * | AIND | WIND |
| 050-070 | (W) 350-010 | 5.1 | .8 | .4 | .3 | .1 | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • • | 6.7 | 4.4 | 3.0 |
| (E) 080-100 | 020-040 | 3.4 | 1.0 | .9 | .2 | .2 | | .1 | | | | | 5.8 | 6.1 | 3.0 |
| 110-130 | 050-070 | 2.3 | 2.8 | .5 | .2 | | | | | | | | 5.8 | 5.8 | 6.0 |
| 140-160 | (E) 080-100 | 1.2 | .8 | .2 | | .1 | | | | | | | 2.3 | 5.3 | 4.0 |
| (8) 170-190 7.1 12.4 4.2 .4 .1 24.2 6.7 6.0 200-220 7.4 4.2 .8 .1 12.5 4.7 4.0 230-250 2.6 1.3 .1 4.0 4.2 4.0 (W) 260-280 1.7 .2 .1 .1 .1 2.2 4.9 2.0 290-310 1.3 .2 .2 .1 .1 .1 2.0 6.8 3.0 320-340 2.6 .4 .1 .1 .1 .1 3.3 4.2 3.0 VARIABLE CALM (**M) 7.1 12.4 4.2 .4 .1 .1 .1 .1 | 110-130 | 1.4 | 1.5 | 1.7 | | .1 | | | | | | | 4.7 | 7.5 | 6.5 |
| 200-220 7.4 4.2 .8 .1 12.5 4.7 4.0 230-250 2.6 1.3 .1 4.0 4.2 4.0 (W) 260-280 1.7 .2 .1 .1 .1 2.2 4.9 2.0 290-310 1.3 .2 .2 .1 .1 .1 2.0 6.8 3.0 320-340 2.6 .4 .1 .1 .1 3.3 4.2 3.0 VARIABLE CALM //////////////////////////////////// | 140-160 | 2.3 | 3.3 | 2.5 | .4 | .1 | | | | | | | 8.6 | 7.8 | 8.0 |
| 230-250 | (8) 170-190 | 7.1 | 12.4 | 4.2 | .4 | .1 | | | | | | | 24.2 | 6.7 | 6.0 |
| (W) 260-280 1.7 .2 .1 .1 .1 2.2 4.9 2.0 290-310 1.3 .2 .2 .1 .1 .1 2.0 6.8 3.0 320-340 2.6 .4 .1 .1 .1 3.3 4.2 3.0 VARIABLE CALM /////////////////////////////////// | 200-220 | 7.4 | 4.2 | .8 | .1 | | | | | | | | 12.5 | 4.7 | 4.0 |
| 290-310 1.3 .2 .2 .1 .1 .1 2.0 6.8 3.0 320-340 2.6 .4 .1 .1 .1 3.3 4.2 3.0 VARIABLE CALM //////////////////////////////////// | 230-250 | 2.6 | 1.3 | | .1 | | | | | | | | 4.0 | 4.2 | 4.0 |
| 320-340 2.6 .4 .1 .1 .1 3.3 4.2 3.0 VARIABLE CALM /////////////////////////////////// | (W) 260-280 | 1.7 | .2 | | .1 | | | .1 | | | | | 2.2 | 4.9 | 2.0 |
| VARIABLE CALM /////////////////////////////////// | 290-310 | 1.3 | .2 | .2 | .1 | .1 | | .1 | | | | | 2.0 | 6.8 | 3.0 |
| CALM //////////////////////////////////// | 320-340 | 2.6 | .4 | .1 | .1 | .1 | | | | | | | 3.3 | 4.2 | 3.0 |
| CALM //////////////////////////////////// | VARIABLE | : | ••••• | | ••••• | ••••• | ••••• | • | ••••• | | ••••• | • • • • • • • • | ••••• | • • • • • • | ••••• |
| | CALM | 1111111 | ////// | | ,,,,,,, | | /////// | | | /////// | ////// | /////// | 18.0 | ///// | ///// |
| TUIALS 38.4 28.9 11.5 2.0 .9 .3 100.0 4.9 5.0 | | ł | | | | | | | | | | | | | |
| | TOTALS | 38.4 | 28.9 | 11.5 | 2.0 | .9 | | .3 | | | | | 100.0 | 4.9 | 5.0 |

PERCEWTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LS | T TO UT | C: + 8 | | | | | MONTE | : JUL | HOUR | B: ALL | | |
|--------------|-----------------|-------------|---------|---------------|--------|---------------|--------|---------------|--------|-------------|---------|---------------|-------------|---------------|
| ************ | • • • • • • • • | ••••• | ••••• | • • • • • • • | WIND S | PEED IN | KNOTS | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MBAN | MEDIAN |
| (DEGREES) | | • • • • • • | | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | | ••••• | * | WIND | WIND |
| (N) 350-010 | 3.1 | .4 | .1 | .0 | .0 | ****** | ••••• | • • • • • • • | ••••• | ••••• | ••••• | 3.6 | 3.3 | 2.0 |
| 020-040 | 3.6 | 1.4 | .6 | .2 | -1 | | .0 | | | | | 5.9 | 5.1 | 4.0 |
| 050-070 | 3.3 | 2.4 | .4 | .1 | .0 | | | | | | | 6.1 | 4.9 | 4.0 |
| (E) 080-100 | 2.8 | 2.1 | .7 | .1 | .0 | | | | | | | 5.7 | 5.4 | 5.0 |
| 110-130 | 2.5 | 3.0 | 1.6 | .3 | .0 | | .0 | | | | | 7.5 | 7.0 | 6.0 |
| 140-160 | 3.2 | 3.1 | 1.8 | .6 | .1 | .0 | | | | | | 8.8 | 7.2 | 6.0 |
| (8) 170-190 | 5.4 | 6.2 | 3.8 | 1.1 | .3 | .0 | | | | | | 16.7 | 7.5 | 7.0 |
| 200-220 | 5.4 | 3.9 | 3.1 | 1.5 | .4 | .0 | | | | | | 14.2 | 7.7 | 6.0 |
| 230-250 | 2.4 | 1.7 | .8 | .3 | .0 | .0 | | | | | | 5.3 | 6.4 | 5.5 |
| (W) 260-280 | 1.8 | .6 | .2 | -1 | .0 | .0 | .0 | | | | | 2.8 | 5.0 | 3.0 |
| 290-310 | 1.3 | .3 | .2 | .1 | .0 | | .0 | | | | | 1.9 | 5.0 | 3.0 |
| 320-340 | 1.3 | .2 | .0 | .0 | .0 | | | | | | | 1.6 | 3.2 | 2.0 |
| VARIABLE | : | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • | • • • • • • | ••••• |
| CALM | //////// | ////// | ////// | /////// | ////// | ////// | ////// | /////// | ////// | ////// | /////// | 19.8 | ///// | ///// |
| TOTALS | 36.1 | 25.3 | 13.3 | 4.4 | .9 | | | | | | | 100.0 | 5.2 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

| | | ENILLE NC | | PERC | FRIVAGE | - | icy of o From Eo | | | | D DIREC | TION VE | rsus Wik | D SPRE | TD |
|-----|-----------|---------------|-------|---|------------------|---------------|---------------------|-------------|---------|-------------|---------|-------------|---------------|--------|--------|
| | | RR: 723865 | LS | T TO UI | C: + 8 | | | | | MONTE | : JUL | HOUR | S: ALL | | |
| | | CEILING GE | 200 | BUT LES | s than and/of | 1500 F | RET WIT | B VISIB | ILITY G | B 1/2 M | ILE (08 | 00 METE | RS). | | |
| ••• | | | •••• | • • • • • • | ••••• | WIND S | SPEED IN | KNOTS | ••••• | • • • • • • | ••••• | • • • • • • | • • • • • • • | ••••• | ••••• |
| | DIRECTION | 1-4 | 5-9 | | | 20-24 | 25-29 | 30-34 | | | | | TOTAL | MEAN | MEDIAN |
| ••• | (DEGREES) | | •••• | ••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | | ••••• | ••••• | * | WIND | WIND |
| (N) | 350-010 | | •••• | ••••• | ••••• | • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • | ••• | • • • • • • | • • • • • • • | ••••• | ••••• |
| | 020-040 | | | | | | | 100.0 | | | | | 100.0 | 30.0 | 25.0 |
| | 050-070 | | | | | | | | | | | | | | |
| (B) | 080-100 | | | | | | | | | | | | | | |
| | 110-130 | | | | | | | | | | | | | | |
| | 140-160 | | | | | | | | | | | | | | |
| (8 | 170-190 | ì | | | | | | | | | | | | | |
| | 200-220 | | | | | | | | | | | | | | |
| | 230-250 | | | | | | | | | | | | | | |
| (W) | 260-280 | | | | | | | | | | | | | | |
| | 290-310 | | | | | | | | | | | | | | |
| | 320-340 | | | | | | | | | | | | | | |
| •• | VARIABLE | . | •••• | • | ***** | • • • • • • • | • • • • • • • | | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• |
| | CALM | ,,,,,,,,, | ///// | ,,,,,, | ////// | /////// | ,,,,,, | /////// | ////// | /////// | /////// | /////// | .0 | ///// | ////// |
| | TOTALS | | | | | | | 100.0 | | | | | 100.0 | 30.0 | 25.0 |
| | | | | TC | TAL NUI | OBER OF | OBSERVA | TIONS | 1 | | | | | | |

C - 4 - 70

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: MELLIS AFB/LAS VEGAS NV PRRIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HONTE: AUG EOURS: 00-02

| WIND SPEED IN KNOTS | | | | | | | | | | | | | | |
|---------------------|-------------------|--------|---------|---------------|--------|---------|--------|---------|---------|---------|---------------|-------|--------|--------|
| | | | | | | | | | | | | | | |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | ı | | | | | | | | | | | • | WIND | WIND |
| (N) 350-010 | 7.4 | 4 | ••••• | ••••• | ••••• | | ••••• | | ••••• | ••••• | | 7.8 | 2.7 | 2.0 |
| (, | 1 | | | | | | | | | | | | | |
| 020-040 | 7.7 | 1.9 | .5 | .3 | .4 | .2 | | | | | | 11.2 | 5.2 | 3.0 |
| | | | | | | | | | | | | | | |
| 050-070 | 4.8 | 3.0 | .4 | | | | | | | | | 8.3 | 4.5 | 4.0 |
| (E) 080-100 | 3.0 | 1.2 | .1 | | | | | | | | | 4.3 | 3.7 | 3.0 |
| (2, 555 255 | "" | | | | | | | | | | | | • | |
| 110-130 | 1.3 | .8 | .3 | | | | | | | | | 2.4 | 5.0 | 4.0 |
| | ١., | | _ | | _ | | | | | | | | | |
| 140-160 | 1.4 | 1.3 | .4 | .4 | .1 | | | | | | | 3.7 | 7.5 | 6.0 |
| (8) 170-190 | 2.3 | 4.5 | 1.8 | .3 | .1 | | | | | | | 9.0 | 7.5 | 8.0 |
| • • | | | | | | | | | | | | | | |
| 200-220 | 3.3 | 1.7 | .4 | | | | | | | | | 5.5 | 4.5 | 4.0 |
| 230-250 | 1.1 | .5 | .2 | | | | | | | | | 1.6 | 4.3 | 4.0 |
| 230-230 | . *** | .5 | .2 | | | | | | | | | 1.6 | 4.3 | 4.0 |
| (W) 260-280 | 1.3 | .5 | .3 | | | | | | | | | 2.2 | 4.8 | 4.0 |
| | | | | | | | | | | | | | | |
| 290-310 | 1.2 | .3 | -1 | .3 | .1 | | | | | | | 2.0 | 6.7 | 4.0 |
| 320-340 | 1.8 | .1 | .1 | | | | | | | | | 2.0 | 2.9 | 2.0 |
| 320 310 | | · · | •- | | | | | | | | | | , | |
| | : • • • • • • • • | | ••••• | • • • • • • • | | | | | | | • • • • • • • | | | |
| VARIABLE | l | | | | | | | | | | | | | |
| CALM | 11111111 | ,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,, | ,,,,,,, | 111111 | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 30 R | ,,,,, | 111111 |
| Criter | <i>```</i> | | | | | | | ,,,,,,, | | | | 33.0 | .,,,,, | |
| TOTALS | 36.6 | 16.2 | 4.6 | 1.3 | .7 | .2 | | | | | | 100.0 | 3.0 | 4.0 |
| | • | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HONTE: AUG BOURS: 03-05

| | | | | | | | | | 1 | | 20411 | | | |
|---------------------|---------|--------|---------|--------|--------|-------------------|-------------|---------|--------|---------------|---------|-------------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 3PEED II 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 6.2 | .3 | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• | ••••• | ••••• | ••••• | 6.6 | 2.6 | 2.0 |
| 020-040 | 11.2 | 1.2 | .8 | .1 | | | | | | | | 13.2 | 3.4 | 2.0 |
| 050-070 | 7.3 | 4.0 | .2 | .1 | | | | | | | | 11.6 | 4.3 | 4.0 |
| (E) 080-100 | 3.2 | 1.0 | .3 | | | | | | | | | 4.5 | 3.9 | 3.0 |
| 110-130 | 1.4 | .8 | .2 | | | | | | | | | 2.4 | 4.5 | 3.5 |
| 140-160 | 1.1 | 1.0 | .4 | .2 | | | | | | | | 2.7 | 6.6 | 6.0 |
| (8) 170-190 | 1.8 | 2.7 | .9 | .2 | .1 | | | | | | | 5.7 | 7.0 | 7.0 |
| 200-220 | 1.5 | 1.5 | .1 | .1 | | | | | | | | 3.2 | 5.2 | 5.0 |
| 230-250 | .9 | .2 | | | | | | | | | | 1.1 | 3.5 | 3.5 |
| (W) 260-280 | .6 | .1 | .2 | • | | | | | | | | 1.0 | 5.1 | 3.0 |
| 290-310 | 1.0 | -1 | .1 | | .1 | .1 | | | | | | 1.4 | 6.7 | 2.0 |
| 320-340 | 1.7 | .6 | | | | | | | | | | 2.4 | 3.3 | 3.0 |
| VARIABLE | : ! | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• | ••••• |
| CALM | ,,,,,,, | ////// | /////// | ////// | ////// | /////// | /////// | ,,,,,,, | ////// | ,,,,,,, | ,,,,,,, | 44.3 | ///// | 111111 |
| TOTALS | 37.9 | 13.5 | 3.2 | .7 | .2 | .1 | | | | | | 100.0 | 2.4 | 3.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: AUG HOURS: 06-08

| | | 100 | 1 10 01 | C: Y 0 | | | | | POWII | i. nuu | HOUR | a: vo-v | • | |
|------------------------|-----------------|---------------|-------------|-------------|--------|---------------|--------|-------------|--------|---------------|---------|---------|--------------|----------------|
| ************ | • • • • • • • • | • • • • • • • | • • • • • • | ••••• | WIND 8 | SPEED IN | KNOTS | • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (M) 350-010 | 1.5 | .2 | | .1 | ••••• | • • • • • • • | ••••• | | ••••• | • • • • • • • | ••••• | 1.8 | 3.6 | 2.0 |
| 020-040 | 4.1 | 1.5 | 1.0 | .2 | | | | | | | | 6.8 | 4.9 | 3.0 |
| 050-070 | 6.5 | 6.0 | .2 | | | | | | | | | 12.7 | 4.8 | 4.0 |
| (E) 080-100 | 2.3 | 1.5 | -1 | .1 | | | | | | | | 4.0 | 4.7 | 4.0 |
| 110-130 | 1.8 | 2.3 | .3 | | | | | | | | | 4.4 | 5.3 | 5.0 |
| 140-160 | 1.5 | 1.7 | 1.2 | .4 | | | | | | | | 4.8 | 7.3 | 6.0 |
| (8) 170-190 | 2.7 | 1.6 | 1.0 | .2 | | | | | | | | 5.5 | 5.6 | 5.0 |
| 200-220 | 4.3 | .9 | .3 | | | | | | | | | 5.5 | 3.5 | 2.0 |
| 230-250 | 1.1 | .1 | | | | | | | | | | 1.2 | 2.5 | 2.0 |
| (W) 260-280 | 1.0 | -1 | | | | | | | | | | 1.1 | 2.7 | 2.0 |
| 290-310 | .6 | .3 | | .2 | | | | | • | | | 1.2 | 6.1 | 4.0 |
| 320-340 | 1.5 | | ٠ | | | | | | | | | 1.5 | 2.1 | 2.0 |
| VARIABLE | | ••••• | ••••• | • • • • • • | ••••• | • • • • • • | ••••• | | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• |
| CALM | /////// | ////// | ////// | /////// | ////// | /////// | ////// | ////// | ////// | ////// | /////// | 49.6 | ///// | ////// |
| TOTALS | 28.9 | 16.2 | 4.1 | 1.2 | | | | | | | | 100.0 | 2.4 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: AUG HOURS: 09-11

| | | LS | r to u | TC: + 8 | | | | | MONTE | i: AUG | HOUR | S: 09-11 | L | |
|---|---------|--------|--------|---------|-------------|---------------|--------|---------------|---------------|---------------|-----------------|-------------|--------------|----------------|
| *************************************** | ••••• | ••••• | ••••• | •••••• | WIND 8 | SPRED IN | KNOTS | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | .8 | .2 | ••••• | ••••• | • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | 1.0 | 2.9 | 2.0 |
| 020-040 | 3.5 | 1.4 | 1.2 | .1 | | | | | | | | 6.2 | 5.5 | 4.0 |
| 050-070 | 6.7 | 4.1 | .8 | | | | | | | | | 11.5 | 4.7 | 4.0 |
| (E) 080-100 | 7.0 | 3.9 | .5 | | | | | | | | | 11.4 | 4.3 | 4.0 |
| 110-130 | 7.7 | 4.0 | 1.4 | | | | | | | | | 13.1 | 4.9 | 4.0 |
| 140-160 | 6.3 | 3.9 | 2.4 | .8 | | | | | | | | 13.3 | 6.0 | 5.0 |
| (8) 170-190 | 5.9 | 2.2 | 2.6 | .5 | | .1 | | | | | | 11.3 | 6.3 | 4.0 |
| 200-220 | 5.5 | 1.4 | 1.1 | .3 | | | | | | | | 8.3 | 4.7 | 3.0 |
| 230-250 | 1.9 | .3 | | | | | | | | | | 2.3 | 3.2 | 3.0 |
| (W) 260-280 | .4 | .3 | | | | | | | | | | .8 | 3.9 | 2.0 |
| 290-310 | 1.2 | .1 | | | | | | | | | | 1.3 | 2.7 | 2.0 |
| 320-340 | .8 | .2 | .2 | | | | | | | | | 1.2 | 4.5 | 2.0 |
| VARIABLE |] | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • | • • • • • • | • • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | /////// | ////// | ////// | ////// | ////// | /////// | ////// | ////// | /////// | ////// | /////// | 18.4 | ///// | ////// |
| TOTALS | 47.7 | 22.0 | 10.2 | 1.7 | | .1 | | | | | | 100.0 | 4.1 | 4.0 |
| | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: AUG BOURS: 12-14

| | | La | T TO UI | C: + 8 | | | | | HONTE | i: AUG | HOUR | 5: 12-14 | l . | |
|------------------------|---------------|-----------------|---------|---------|---------------|---------------|---------------|---------------|--------|---------------|--------|-----------------|--------------|---------------|
| ••••• | • • • • • • • | • • • • • • | ••••• | ••••• | WIND 8 | PRED IN | KNOTS | ••••• | | | | • • • • • • • | • • • • • • | • • • • • • • |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | MEAN WIND | MEDIAN |
| | | • • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | | ••••• | • • • • • • • • | • • • • • • | ••••• |
| (N) 350-010 | 1.0 | .3 | | | | | | | | | | 1.3 | 3.2 | 3.0 |
| 020-040 | 2.0 | .9 | .4 | .1 | | | | | | | | 3.4 | 4.9 | 4.0 |
| 050-070 | 2.5 | 2.0 | .3 | .1 | | | | | | | | 4.9 | 5.1 | 4.5 |
| (E) 080-100 | 4.2 | 3.3 | .6 | .1 | | | | | | | | 8.3 | 5.2 | 4.0 |
| 110-130 | 5.2 | 4.9 | 1.8 | | | | | | | | | 11.9 | 5.7 | 5.0 |
| 140-160 | 4.6 | 4.0 | 2.6 | 1.6 | | | | | | | | 12.8 | 7.4 | 6.0 |
| (8) 170-190 | 5.5 | 5.4 | 5.3 | .5 | .2 | .1 | | | | | | 17.0 | 7.4 | 6.0 |
| 200-220 | 6.5 | 4.6 | 4.5 | 1.9 | .4 | | | | | | | 18.0 | 8.0 | 7.0 |
| 230-250 | 3.2 | 1.8 | 1.2 | .2 | | | | | | | | 6.5 | 5.8 | 4.5 |
| (W) 260-280 | 1.8 | .8 | | | | | | | | | | 2.6 | 3.5 | 3.0 |
| 290 –310 | 1.3 | .3 | .1 | | .1 | | | | | | | 1.8 | 4.5 | 3.0 |
| 320-340 | 1.0 | .3 | | | | | | | | | | 1.3 | 2.8 | 2.0 |
| VARIABLE | | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | | ***** | • • • • • • • | ••••• | • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ,,,,,, | ,,,,,,, | ,,,,,, | ,,,,,, | ////// | ,,,,,,, | ////// | ,,,,,,, | ,,,,,, | 10.2 | ///// | ////// |
| TOTALS | 38.8 | 28.6 | 16.8 | 4.5 | .7 | .1 | | | | | | 100.0 | 5.8 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 930

•••••••••••••••••••••••••••••••••••

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: HELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HONTH: AUG HOURS: 15-17

| | | L | וט סד דו | .C: + 8 | | | | | MONTE | i: AUG | HOUR | 8: 15-17 | ' | |
|-------------|------------|-------------|----------|---------|---------|-------------------|----------------|---------------|---------|--------|---------|---------------|-------|--------|
| DIRECTION | [1-4 | 5-9 | 10-14 | 15-19 | | SPEED IN 25-29 | KNOTS 30-34 | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MEAN | MEDIAN |
| (Degrees) | | | | | | | | | | | | • | MIND | WIND |
| (N) 350-010 | .4 | .2 | .1 | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | ••••• | .8 | 4.9 | 4.0 |
| 020-040 | 1.5 | 1.1 | .3 | | | | | | | | | 2.9 | 4.9 | 4.0 |
| 050-070 | 1.4 | 1.5 | .4 | | | | | | | | | 3.3 | 5.9 | 5.0 |
| (E) 080-100 | 2.6 | 3.5 | 1.4 | .3 | | | | | | | | 7.8 | 6.8 | 6.0 |
| 110-130 | 3.4 | 4.3 | 2.3 | .2 | .1 | | | | | | | 10.3 | 6.9 | 6.0 |
| 140-160 | 4.0 | 4.1 | 2.3 | .5 | | | | | | | | 10.9 | 6.8 | 6.0 |
| (8) 170-190 | 4.8 | 6.0 | 4.8 | 1.4 | .3 | | | | | | | 17.4 | 8.0 | 8.0 |
| 200-220 | 4.2 | 5.7 | 7.1 | 2.8 | .8 | | | | | | | 20.5 | 9.5 | 10.0 |
| 230-250 | 2.8 | 2.0 | 1.7 | 1.4 | | | | | | | | 8.0 | 8.4 | 8.0 |
| (W) 260-280 | 2.2 | .5 | .1 | .3 | | | | | | | | 3.1 | 4.9 | 4.0 |
| 290-310 | 1.4 | .2 | .3 | | .1 | .2 | | | | | | 2.3 | 7.2 | 4.0 |
| 320-340 | .5 | .1 | | | | | | | | | | .6 | 4.0 | 3.5 |
| Variable | : | • • • • • • | ••••• | ••••• | ••••• | •••••• | ••••• | ••••• | | | ••••• | • • • • • • • | ••••• | ••••• |
| CALM | ,,,,,,, | ////// | ,,,,,,, | /////// | ,,,,,,, | /////// | /////// | ////// | /////// | ////// | /////// | 12.0 | ///// | ///// |
| TOTALS | 29.2 | 29.2 | 20.8 | 6.9 | 1.3 | .2 | | | | | | 100.0 | 6.7 | 7.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURPACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: AUG BOURS: 18-20

| ••••• | • • • • • • • • | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | RHOTS | • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | ••••• |
|------------------------|-----------------|-------------|---------|--------|---------|---------------|---------------|-------------|---------|---------------|---------------|-------------|--------------|------------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MRAN WIND | wedian Wedian |
| (M) 350-010 | 1.2 | .2 | ••••• | ••••• | .1 | • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | 1.5 | 4.2 | 2.0 |
| 020-040 | 2.4 | .8 | .9 | .3 | .2 | | | | | | | 4.5 | 7.0 | 4.0 |
| 050-070 | 2.7 | 1.0 | | .2 | | | | | | | | 3.9 | 4.5 | 3.0 |
| (E) 080-100 | 3.1 | 1.7 | .4 | .3 | .1 | | | | | | | 5.7 | 5.7 | 4.0 |
| 110-130 | 2.9 | 6.0 | 2.3 | .5 | | | | | | | | 11.7 | 7.1 | 7.0 |
| 140-160 | 4.7 | 4.6 | 3.3 | .4 | .2 | | | | | | | 13.3 | 7.2 | 7.0 |
| (8) 170-190 | 7.6 | 7.4 | 2.6 | .3 | .1 | | | | | | | 18.1 | 6.0 | 5.0 |
| 200-220 | 4.6 | 6.3 | 3.1 | .8 | | | | | | | | 14.8 | 7.2 | 7.0 |
| 230-250 | 1.5 | 2.4 | 1.1 | | | | | | | | | 4.9 | 6.6 | 6.5 |
| (W) 260-280 | 1.3 | 1.1 | | | | | | | | | | 2.4 | 4.6 | 4.0 |
| 290-310 | .8 | .4 | .4 | | .1 | | | | | | | 1.7 | 7.1 | 6.0 |
| 320-340 | .6 | .1 | | | | | | | | | | .8 | 2.9 | 2.0 |
| VARIABLE | ! | • • • • • • | ••••• | ••••• | ••••• | ••••• | • • • • • • | | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ,,,,,,, | ,,,,,, | /////// | ,,,,,,, | ,,,,,, | ,,,,,,, | /////// | ////// | ,,,,,,, | 16.7 | ///// | ////// |
| TOTALS | 33.4 | 32.0 | 14.1 | 2.8 | .8 | | | | | | | 100.0 | 5.4 | 6.0 |

OPERATING LOCATION "A"

USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: AUG BOURS: 21-23

| | | LS | T TO UI | :C: + 8 | | | | | MONTE | i: AUG | HOUR | 8: 21-23 | 3 | |
|------------------------|---------|--------|---------|---------|---------|----------|----------|--------|-------------|---------------|---------------|-------------|--------------|----------------|
| ************ | ••••• | ••••• | ••••• | | WIND 8 | SPRED IN | KNOTS | ****** | | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| DIRECTION (DECREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 3.5 | .6 | .3 | ••••• | .1 | ••••• | .1 | ••••• | ••••• | • • • • • • • | ••••• | 4.7 | 4.7 | 3.0 |
| 020-040 | 5.7 | 1.0 | .5 | .4 | .2 | | | | | | | 7.8 | 4.9 | 3.0 |
| 050-070 | 4.0 | 1.2 | 1.0 | .1 | .2 | | | | | | | 6.5 | 5.4 | 4.0 |
| (E) 080-100 | 1.3 | 1.2 | .3 | | | | | | | | | 2.8 | 5.3 | 5.0 |
| 110-130 | 1.5 | 1.5 | 1.4 | | | | | | | | | 4.4 | 7.0 | 8.0 |
| 140-160 | 2.5 | 2.0 | 1.0 | | | | | | | | | 5.5 | 5.9 | 5.0 |
| (8) 170-190 | 6.6 | 7.4 | 2.6 | | | | | | | | | 16.6 | 5.9 | 5.0 |
| 200-220 | 5.8 | 3.9 | .6 | .2 | | | | | | | | 10.5 | 5.0 | 4.0 |
| 230-250 | 4.0 | .9 | | | | | | | | | | 4.8 | 3.5 | 3.0 |
| (W) 260-280 | 1.6 | .4 | | | .1 | | | | | | | 2.2 | 4.0 | 2.5 |
| 290-310 | 1.5 | .4 | .4 | .1 | .1 | | | | | | | 2.6 | 5.7 | 3.5 |
| 320-340 | 2.9 | .2 | | | | | | | | | | 3.1 | 2.5 | 2.0 |
| VARIABLE | ! ! | ••••• | ••••• | ••••• | ••••• | ••••• | <i>-</i> | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • | ••••• |
| CALM | 1111111 | ,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | | | ,,,,,,, | ,,,,,,, | 28.5 | ,,,,,, | ///// |
| TOTALS | 40.9 | 20.7 | 8.1 | .8 | .7 | | .1 | | | | | 100.0 | 3.7 | 4.0 |
| | ,, | | | •• | • • | | •• | | | | | | 3., | 7.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NAME: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: AUG HOURS: ALL

| | | _ | | | | | | | , | | 20010 | | | |
|-------------|---------|-------------|--------|---------------|--------|---------|--------|---------------|--------|-------------|---------------|---------------|-------------|--------|
| ********* | ••••• | • • • • • • | ••••• | • • • • • • • | WIND 8 | PERD IN | KNOTS | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MEAN | MEDIAN |
| (DECREES) | j | | | | | ••••• | | • • • • • • • | | | | * | WIND | WIND |
| (N) 350-010 | 2.8 | .3 | .1 | .0 | .0 | ••••• | .0 | ••••• | ••••• | ••••• | ••••• | 3.2 | 3.3 | 2.0 |
| 020-040 | 4.8 | 1.2 | .7 | .2 | .1 | .0 | | | | | | 7.0 | 4.8 | 3.0 |
| 050-070 | 4.5 | 2.8 | .4 | .1 | .0 | | | | | | | 7.8 | 4.8 | 4.0 |
| (E) 080-100 | 3.3 | 2.2 | .5 | .1 | .0 | | | | | | | 6.1 | 5.0 | 4.0 |
| 110-130 | 3.2 | 3.1 | 1.3 | .1 | .0 | | | | | | | 7.6 | 6.0 | 6.0 |
| 140-160 | 3.3 | 2.8 | 1.7 | .6 | .0 | | | | | | | 8.4 | 6.8 | 6.0 |
| (8) 170-190 | 4.7 | 4.7 | 2.7 | .4 | .1 | .0 | | | | | | 12.6 | 6.8 | 6.0 |
| 200-220 | 4.5 | 3.3 | 2.2 | .8 | .1 | | | | | | | 10.8 | 6.9 | 6.0 |
| 230-250 | 2.1 | 1.0 | .5 | .2 | | | | | | | | 3.8 | 5.8 | 4.0 |
| (W) 260-280 | 1.3 | .5 | .1 | .0 | .0 | | | | | | | 1.9 | 4.3 | 3.0 |
| 290-310 | 1.1 | .3 | .2 | .1 | .1 | .0 | | | | | | 1.8 | 5.9 | 3.0 |
| 320-340 | 1.4 | .2 | .0 | | | | | | | | | 1.6 | 3.0 | 2.0 |
| VARIABLE | | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | /////// | ///// | ,,,,,, | ,,,,,,, | ////// | ,,,,,,, | ////// | ,,,,,, | ////// | ////// | /////// | 27.4 | ///// | ///// |
| TOTALS | 37.0 | 22.4 | 10.4 | 2.6 | .4 | | | | | | | 100.0 | 4.2 | 4.0 |

| | VATING LOC | | | PERC | ENTAGE | _ | ICY OF C | | | | D DIREC | TION VE | rsus Win | ID SPEE | Ď |
|------|---|----------|-------------|-------------|------------------|---------|-------------|---------|---------|-------------|---------|-----------------|---------------|-------------|--------|
| | PION NUMBE | | LS | T TO UI | C: + 8 | | | | | MONTE | : AUG | HOUR | S: ALL | | _ |
| | BOORY A: | | DE 200 | BUT LES | s than and/of | 1500 F | EET WIT | W VISIE | ILITY G | E 1/2 M | ILE (08 | 00 METE | RS). | | |
| •••• | • | ••••• | ••••• | • • • • • • | ••••• | WIND 8 | PRED IN | KNOTS | ••••• | • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | ••••• |
| | IRECTION | 1-4 | | | | 20-24 | 25-29 | 30-34 | | | | GE 65 | TOTAL | MEAN | MEDIAN |
| | (DEGREES) | 1 | | | | | ••••• | | | | | | * | WIND | WIND |
| (M) | 350-010 | <u> </u> | • • • • • • | ••••• | •••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• |
| | 020-040 | 50.0 | | | | | | | | | | | 50.0 | 4.0 | 4.0 |
| | 050-070 | | | | | | | | | | | | | | |
| (E) | 080-100 | | | | | | | | | | | | | | |
| | 110-130 | | | | | | | | | | | | | | |
| | 140-160 | 1 | | | | | | | | | | | | | |
| (8) | 170-190 | | | | | | | | | | | | | | |
| | 200-220 | | 50.0 | | | | | | | | | | 50.0 | 5.0 | 5.0 |
| | 230-250 | | | | | | | | | | | | | | |
| (W) | 260-280 | | | | | | | | | | | | | | |
| | 290-310 | | | | | | | | | | | | | | |
| | 320-340 | | | | | | | | | | | | | | |
| •••• | /ARIABLE | <u> </u> | ••••• | ••••• | ••••• | ••••• | •••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • • | • • • • • • | • • • • • • | ••••• |
| | CALM | ,,,,,,, | ///// | /////// | /////// | /////// | ,,,,,, | /////// | /////// | ////// | ////// | ,,,,,,, | .0 | ///// | ////// |
| 7 | TOTALS | 50.0 | 50.0 | | | | | | | | | | 100.0 | 4.5 | 4.5 |
| | | | | 70 | TAL NUM | BER OF | OBSERVA | TIONS | 2 | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: SEP BOURS: 00-02

| | | 160 | 1 10 01 | C: Y 6 | | | | | HONIE | i: OAF | HOUR | D: UU-U2 | • | |
|------------------------|-----------------|--------|---------|---------|--------|---------------|--------|-------------|---------------|---------------|---------------|---------------|--------------|--------|
| ************ | • • • • • • • • | | | ••••• | WIND 8 | SPEED IN | KNOTS | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL \$ | MEVN WEVN | MEDIAN |
| (M) 350-010 | 7.4 | .3 | ••••• | ••••• | ••••• | • • • • • • • | ••••• | | • • • • • • • | ••••• | • • • • • • • | 7.8 | 2.4 | 2.0 |
| 020-040 | 9.1 | 2.6 | .9 | .3 | .1 | | | | | | | 13.0 | 4.3 | 3.0 |
| 050-070 | 5.2 | 2.8 | .2 | | | | | | | | | 8.2 | 3.9 | 3.0 |
| (E) 080-100 | 2.0 | 1.6 | .2 | | | | | | | | | 3.8 | 4.4 | 4.0 |
| 110-130 | 1.2 | .3 | | | | | | | | | | 1.6 | 3.6 | 3.0 |
| 140-160 | 1.0 | 1.2 | .1 | .1 | | | | | | | | 2.4 | 5.6 | 5.0 |
| (8) 170-190 | 2.1 | 3.7 | 2.6 | 1.1 | | | | | | | | 9.4 | 8.3 | 8.0 |
| 200-220 | 2.6 | 3.4 | .2 | .2 | | | | | | | | 6.4 | 5.6 | 6.0 |
| 230-250 | 1.7 | .2 | .2 | | | | | | | | | 2.1 | 4.0 | 3.0 |
| (W) 260-280 | .6 | | | .2 | | | | | | | | .8 | 7.6 | 4.0 |
| 290-310 | 1.8 | | .2 | .1 | | | | | | | | 2.1 | 4.2 | 3.0 |
| 320-340 | 1.6 | .1 | | | | | | | | | | 1.7 | 2.1 | 2.0 |
| VARIABLE | ! | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | 1111111 | ////// | ////// | /////// | ////// | /////// | ////// | /////// | ////// | ////// | ''''' | 40.7 | ///// | ///// |
| TOTALS | 36.3 | 16.2 | 4.6 | 2.0 | .1 | | | | | | | 100.0 | 2.8 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | t: SEP | BOUR | s: 03~0 <u>5</u> | i | | | | | | | | | | |
|------------------------------|---|-------------|-------------|------------------|-------------|---------------|---------------|-------|---------|---------|---|-------|-------------|--------|--|
| ********** | ••••• | • • • • • • | ••••• | ••••• | WIND 8 | SPEED IN | KNOTS | ••••• | | ••••• | ••••• | ••••• | • • • • • • | ••••• | |
| DIRECTION (DEGREES) | (DEGREES) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | | | | | | | | | | | |
| (N) 350-010 | 5.4 | 1.1 | .3 | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | 6.9 | 3.3 | 2.5 | |
| 020-040 | 6.2 | 1.0 | .2 | .2 | | | | | | | | 7.7 | 3.7 | 3.0 | |
| 050-070 | 5.4 | 2.8 | .1 | | | | | | | | | 8.3 | 3.9 | 4.0 | |
| (E) 080-100 | 1.8 | .7 | | | | | | | | | | 2.4 | 3.7 | 4.0 | |
| 110-130 | .9 | .1 | | | | | | | | | | 1.0 | 2.6 | 2.0 | |
| 140-160 .6 .9 .3 1.8 5.9 6.0 | | | | | | | | | | | | | | | |
| (8) 170-190 | 2.1 | 3.7 | 2.7 | .9 | | | | | | | | 9.3 | 8.3 | 8.0 | |
| 200-220 | 2.1 | 2.3 | .7 | .3 | | | | | | | | 5.4 | 6.4 | 6.0 | |
| 230-250 | 1.3 | .4 | | | | | | | | | | 1.8 | 3.8 | 3.5 | |
| (W) 260-280 | 1.4 | | .1 | | | | .1 | | | | | 1.7 | 4.9 | 3.0 | |
| 290-310 | 2.4 | .3 | | .1 | | | | | | | | 2.9 | 3.2 | 2.5 | |
| 320-340 | 2.7 | .4 | | | | | | | | | | 3.1 | 2.9 | 2.0 | |
| VARIABLE | ! : | | • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • • | | | | • | ••••• | • • • • • • | ••••• | |
| AVKTVBIR | | | | | | | | | | | | | | | |
| CALM | //////// | ''''' | ////// | ////// | ////// | ''''' | 1111111 | ''''' | '////// | '////// | /////// | 47.7 | ///// | 111111 | |
| TOTALS | 32.3 | 13.7 | 4.4 | 1.5 | | | .1 | | | | | 100.0 | 2.5 | 4.0 | |
| | | | - | - | | | | 000 | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865

PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: SEP HOURS: 06-08

| STATION NUMBER: | 723865 | STATION | KAME: | WELLIS | APB/LAS | VEGAS | NV |
|-----------------|--------|----------|-------|--------|---------|-------|----|
| | | LST TO U | TC: + | 8 | | | |

| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | | PEED IN 25-29 | | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | MEAN | MEDIAN |
|-----------------|---------|-------------|--------|---------|--------|------------------|---------|-------------|---------|--------|---------|---------------|-------------|--------|
| (DECREES) | ŀ | | | | | | | | | | | • | WIND | WIND |
| (N) 350-010 | 2.0 | .3 | .2 | .1 | ****** | | •• •••• | • • • • • • | ••••• | ••••• | ••••• | 2.7 | 4.0 | 2.0 |
| 020-040 | 3.8 | 1.8 | .9 | | | | | | | | | 6.4 | 5.1 | 4.0 |
| 050-070 | 4.0 | 2.6 | -1 | .1 | | | | | | | | 6.8 | 4.4 | 4.0 |
| (E) 080-100 | .8 | 1.1 | | | | | | | | | | 1.9 | 4.5 | 5.0 |
| 110-130 | 1.0 | .1 | | | | | | | | | | 1.1 | 2.8 | 2.5 |
| 140-160 | 1.8 | .9 | 1.0 | | .1 | | | | | | | 3.8 | 6.5 | 6.0 |
| (8) 170-190 | 2.9 | 1.9 | 2.9 | .7 | .3 | | | | | | | 8.7 | 8.3 | 8.0 |
| 200-220 | 4.9 | 1.0 | 1.1 | .6 | | | | | | | | 7.6 | 5.2 | 3.0 |
| 230-250 | 1.7 | .2 | | | | | | | | | | 1.9 | 2.9 | 2.0 |
| (W) 260-280 | 1.2 | .2 | .1 | | | | | | | | | 1.6 | 3.1 | 2.0 |
| 290 -310 | 1.9 | .1 | .4 | | | | | | | | | 2.4 | 4.5 | 3.0 |
| 320-340 | 1.9 | .2 | .1 | | | | | | | | | 2.2 | 3.1 | 2.0 |
| VARIABLE | : | • • • • • • | ****** | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | '///// | ////// | /////// | ////// | ,,,,,, | ////// | /////// | /////// | ////// | /////// | 53.0 | ///// | ///// |
| TOTALS | 27.9 | 10.4 | 6.8 | 1.5 | .4 | | | | | | | 100.0 | 2.5 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: SEP HOURS: 09-11

| | | 162 | 10 01 | C: + 8 | | | | | MONTE | 1: BEP | BOOK | 2: 03-11 | L | |
|------------------------|-----------------|--------|---------|---------------|---------|---------|---------------|---------------|---------------|---------------|---------------|----------|--------------|----------------|
| ••••••• | • • • • • • • • | ••••• | | • • • • • • • | WIND 8 | PEED IN | KNOTS | | | • • • • • • • | • • • • • • • | ••••• | | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15~19 | | | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 1.1 | 1.0 | .8 | .1 | | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | 3.0 | 7.2 | 6.0 |
| 020-040 | 2.7 | 4.1 | 3.4 | .9 | , | | | | | | | 11.1 | 8.3 | 8.0 |
| 050-070 | 4.1 | 6.2 | 1.4 | | | | | | | | | 11.8 | 5.7 | 5.0 |
| (B) 080-100 | 4.6 | 1.9 | .3 | | | | | | | | | 6.8 | 4.0 | 3.0 |
| 110-130 | 3.6 | 3.4 | .3 | .1 | | | | | | | | 7.4 | 4.9 | 5.0 |
| 140-160 | 3.3 | 1.3 | 1.6 | .2 | .1 | | | | | | | 6.6 | 6.3 | 4.0 |
| (8) 170-190 | 4.2 | 2.6 | 2.8 | 1.8 | .7 | | | | | | | 12.0 | 8.7 | 8.0 |
| 200-220 | 4.8 | 1.7 | 1.1 | .9 | 1.0 | | | | | | | 9.4 | 7.4 | 4.0 |
| 230-250 | 1.8 | .2 | .4 | .2 | | | | | | | | 2.7 | 5.6 | 3.0 |
| (W) 260-280 | 1.1 | .7 | .4 | | | | | | | | | 2.2 | 5.3 | 4.5 |
| 290-310 | .7 | .2 | .4 | .2 | | | | | | | | 1.6 | 7.9 | 6.5 |
| 320-340 | .6 | | .1 | .1 | | | | | | | | .8 | 5.3 | 4.0 |
| VARIABLE | : | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | /////// | ,,,,,,, | /////// | /////// | /////// | /////// | /////// | /////// | ,,,,,,, | 24.7 | ///// | ////// |
| TOTALS | 32.6 | 23.3 | 13.0 | 4.5 | 1.8 | | | | | | | 100.0 | 5.0 | 5.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTH: SEP BOURS: 12-14

| ••••• | WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN | | | | | | | | | | | | | |
|------------------------|---|-------------|---------|---------|--------|---------|--------|---------|---------------|---------------|---------------|-------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 1.7 | .6 | .1 | .1 | ••••• | ••••• | ••••• | | • • • • • • • | • • • • • • • | • • • • • • • | 2.4 | 4.5 | 3.5 |
| 020-040 | 2.9 | 1.8 | 2.4 | .3 | | | | | | | | 7.4 | 6.9 | 6.0 |
| 050-070 | 3.0 | 3.7 | 1.2 | | | | | | | | | 7.9 | 5.6 | 5.0 |
| (E) 080-100 | 5.3 | 3.8 | .6 | | | | | | | | | 9.7 | 4.6 | 4.0 |
| 110-130 | 4.2 | 3.3 | 1.2 | .2 | .1 | | | | | | | 9.1 | 5.9 | 5.0 |
| 140-160 | 3.3 | 2.3 | 1.3 | .6 | .2 | | | | | | | 7.8 | 6.8 | 5.0 |
| (8) 170-190 | 5.2 | 2.2 | 4.2 | 1.7 | 1.6 | .1 | | | | | | 15.0 | 9.6 | 10.0 |
| 200-220 | 5.3 | 2.1 | 2.7 | 2.6 | .7 | .1 | | | | | | 13.4 | 8.8 | 8.0 |
| 230-250 | 2.6 | 1.1 | 1.0 | .7 | .3 | | | | | | | 5.7 | 7.7 | 6.0 |
| (W) 260-280 | 2.3 | .3 | .1 | | | | | | | | | 2.8 | 3.3 | 2.0 |
| 290-310 | 1.1 | .6 | .4 | .1 | | | | | | | | 2.2 | 5.8 | 4.5 |
| 320-340 | 1.4 | .8 | .1 | .1 | | | | | | | | 2.4 | 4.3 | 2.5 |
| | ! : | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | | ••••• | • • • • • • | • • • • • • • | ••••• | | ••••• |
| VARIABLE | İ | | | | | | | | | | | | | |
| CALM | /////// | ////// | /////// | /////// | ////// | /////// | ////// | '////// | ////// | '////// | /////// | 14.1 | ///// | ////// |
| TOTALS | 38.3 | 22.6 | 15.3 | 6.4 | 2.9 | .2 | | | | | | 100.0 | 6.0 | 5.0 |
| TOTALS | 1 30.3 | 22.0 | 13.3 | 0.4 | 2.9 | .2 | | | | | | 100.0 | 0.0 | 5.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOURS: 15-17

| | | | | | | | | | | | | | , | |
|------------------------|----------|--------|---------|---------|--------|-------------------|--------|-------------|---------|---------------|--------|-------|--------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 3PEED IN 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | mran Wind | MEDIAN WIND |
| , | | | | | | | | | | | | | ****** | WIND |
| (N) 350-010 | .9 | .7 | .6 | .1 | | | | | | | | 2.2 | 6.9 | 6.0 |
| 020-040 | 2.1 | 2.3 | 1.4 | .7 | .1 | | | | | | | 6.7 | 7.6 | 7.0 |
| 050-070 | 3.1 | 2.3 | .3 | .2 | .1 | | | | | | | 6.1 | 5.8 | 4.0 |
| (E) 080-100 | 5.0 | 3.6 | 1.2 | .2 | | | | | | | | 10.0 | 5.3 | 4.5 |
| 110-130 | 3.1 | 3.7 | 2.1 | .3 | .1 | | | | | | | 9.4 | 6.7 | 6.0 |
| 140-160 | 3.5 | 2.0 | 3.0 | .8 | .3 | | | | | | | 9.6 | 8.0 | 7.5 |
| (8) 170-190 | 4.0 | 3.2 | 2.3 | 2.3 | .6 | .1 | | | | | | 12.6 | 8.9 | 8.0 |
| 200-220 | 5.1 | 3.6 | 5.0 | 2.6 | .8 | .1 | | | | | | 17.1 | 9.3 | 9.0 |
| 230-250 | 2.6 | 1.9 | 2.1 | .7 | .2 | | | | | | | 7.5 | 8.0 | 7.0 |
| (W) 260-280 | 1.3 | .9 | .4 | .2 | | | | | | | | 2.9 | 6.2 | 5.0 |
| 290-310 | 1.1 | .9 | .4 | .2 | | .1 | .1 | | | | | 2.9 | 8.2 | 7.0 |
| 320-340 | .8 | .4 | | | | | | | | | | 1.2 | 3.6 | 4.0 |
| VARIABLE | ! | | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • | | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• |
| ANKTUBUS | | | | | | | | | | | | | | |
| CALM | //////// | ////// | '////// | /////// | ////// | /////// | ////// | ////// | /////// | /////// | ////// | 11.8 | ///// | ////// |
| TOTALS | 32.6 | 25.5 | 18.8 | 8.3 | 2.2 | .3 | .1 | | | | | 100.0 | 6.7 | 6.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: SEP BOURS: 18-20

| | | 70 | T 10 01 | C: + 6 | | | MUNTE | : SEP | BOUR | 3: 10-20 | , | | | |
|------------------------|-----------------|-------------|---------|---------------|---------|----------|---------|-------------|---------------|---------------|---------|---------------|--------------|----------------|
| ••••• | • • • • • • • • | • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | ••••• | ••••• | • • • • • • • | | • • • • • • |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35~39 | 40-49 | 50-64 | GE 65 | TOTAL | mean Wind | MEDIAN WIND |
| (N) 350-010 | 4.1 | .4 | ••••• | .1 | ••••• | ••••• | ••••• | ••••• | | ••••• | ••••• | 4.7 | 3.3 | 3.0 |
| 020-040 | 5.4 | 1.4 | .9 | .1 | .1 | | | | | | | 7.9 | 4.7 | 3.0 |
| 050-070 | 3.5 | .7 | .9 | | | | | | | | | 5.0 | 4.7 | 4.0 |
| (E) 080-100 | 2.5 | 1.7 | .6 | | | | | | | | | 4.7 | 5.1 | 4.0 |
| 110-130 | 3.7 | 3.6 | 1.1 | .1 | | | | | | | | 8.5 | 5.8 | 5.0 |
| 140-160 | 4.8 | 3.1 | 1.2 | 1.2 | .1 | | | | | | | 10.5 | 6.8 | 6.0 |
| (8) 170-190 | 6.8 | 6.0 | 2.3 | .7 | .1 | | | | | | | 15.9 | 6.2 | 5.0 |
| 200-220 | 4.7 | 2.9 | 2.3 | | .4 | | | | | | | 10.4 | 6.7 | 5.0 |
| 230-250 | 1.9 | .9 | -4 | | | | | | | | | 3.2 | 4.8 | 4.0 |
| (W) 260-280 | .8 | -4 | .2 | | | | .2 | | | | | 1.7 | 8.8 | 6.0 |
| 290-310 | 1.4 | .3 | .2 | .1 | .1 | | | | | | | 2.2 | 5.4 | 3.0 |
| 320-340 | 1.8 | .9 | .1 | | | | | | | | | 2.8 | 4.0 | 3.0 |
| VARIABLE | | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 22.5 | ,,,,,, | ,,,,,, |
| TOTALS | 41.4 | 22.3 | 10.2 | 2.3 | .8 | | .2 | | | | | 100.0 | 4.4 | 4.0 |
| | | | | | | ORSKRVA | | 8 97 | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: SEP BOURS: 21-23

| ••••• | • • • • • • • • | | • • • • • • • | ••••• | • | | • • • • • • • • | | • • • • • • • | | | ••••• | | | |
|------------------------|-----------------|-----------|---------------|---------|---|---------------|-----------------|---------------|---------------|---------------|---------------|-------|--------------|--------|--|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN | |
| (N) 350-010 | 5.6 | .2 | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | 5.8 | 2.4 | 2.0 | |
| 020-040 | 6.2 | 2.0 | 1.3 | .8 | .1 | | | | | | | 10.5 | 5.5 | 3.0 | |
| 050-070 | 3.8 | 2.7 | .2 | | | | | | | | | 6.7 | 4.5 | 4.0 | |
| (E) 080-100 | 1.9 | .4 | | | | | | | | | | 2.3 | 3.2 | 2.0 | |
| 110-130 | 1.4 | .4 | .3 | .1 | | | | | | | | 2.3 | 5.5 | 4.0 | |
| 140-160 | 1.6 | 1.6 | .3 | .1 | .2 | | | | | | | 3.8 | 6.8 | 6.0 | |
| (8) 170-190 | 3.9 | 4.3 | 2.1 | .4 | .1 | | | | | | | 10.9 | 6.8 | 6.0 | |
| 200-220 | 7.4 | 3.3 | .9 | .1 | .2 | | .1 | | | | | 12.0 | 5.1 | 4.0 | |
| 230-250 | | | | | | | | | | | | | | | |
| (W) 260-280 | 1.9 | .2 | | | | | | | | | | 2.1 | 3.4 | 3.0 | |
| 290-310 | 2.0 | .4 | | .1 | .1 | .2 | | | | | | 2.9 | 5.9 | 3.0 | |
| 320-340 | 2.6 | .3 | | | | | | | | | | 2.9 | 3.0 | 2.0 | |
| VARIABLE | : | • • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | | • • • • • • • | • • • • • • • | • • • • • • • | •••••• | ••••• | • • • • • • | ••••• | |
| CALM | /////// | ///// | | ////// | ////// | ////// | ////// | ////// | /////// | ////// | /////// | 33.8 | ///// | ////// | |
| TOTALS | 41.5 | 16.5 | 5.1 | 1.6 | .7 | .2 | .1 | | | | | 100.0 | 3.3 | 4.0 | |
| | | | TO | TAL NUM | BER OF | OBSERVA | ZIONS | 897 | | | | | | | |

C - 4 - 88

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: SEP HOURS: ALL

| ********** | | ••••• | ••••• | ••••• | | PEED IN | | | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
|------------------|---------|--------|--------|---------|--------|---------|--------|---------|---------------|-------------|-------|---------------|-------------|--------|
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MBAN | MEDIAN |
| (DEGREES) | l | | | | | | | | | | | * | WIND | MIND |
| (W) 350-010 | 3.5 | .6 | .3 | .1 | ••••• | ••••• | ••••• | | ••••• | ••••• | ••••• | 4.4 | 3.6 | 2.0 |
| 020-040 | 4.8 | 2.1 | 1.4 | .4 | .1 | | | | | | | 8.8 | 5.7 | 4.0 |
| 050-070 | 4.0 | 3.0 | .6 | .0 | .0 | | | | | | | 7.6 | 4.9 | 4.0 |
| (E) 080-100 | 3.0 | 1.8 | .4 | .0 | | | | | | | | 5.2 | 4.6 | 4.0 |
| 110-130 | 2.4 | 1.9 | .6 | .1 | .0 | | | | | | | 5.0 | 5.6 | 5.0 |
| 140-160 | 2.5 | 1.7 | 1.1 | .4 | .1 | | | | | | | 5.8 | 6.8 | 6.0 |
| (8) 170-190 | 3.9 | 3.4 | 2.7 | 1.2 | .4 | .0 | | | | | | 11.7 | 8.1 | 7.0 |
| 200-220 | 4.6 | 2.5 | 1.8 | .9 | .4 | .0 | .0 | | | | | 10.2 | 7.2 | 5.0 |
| 230-250 | 2.1 | .7 | .5 | .2 | .1 | | | | | | | 3.6 | 5.8 | 4.0 |
| (W) 260-280 | 1.3 | .3 | .2 | .1 | | | .0 | | | | | 2.0 | 5.1 | 3.0 |
| 2 90 -310 | 1.6 | .4 | .3 | .1 | .0 | .0 | .0 | | | | | 2.4 | 5.6 | 3.0 |
| 320-340 | 1.7 | .4 | .1 | .0 | | | | | | | | 2.1 | 3.4 | 2.0 |
| Variable | : | ••••• | ••••• | | ••••• | ••••• | ••••• | •••••• | ••••• | • • • • • • | ••••• | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | ////// | /////// | ////// | /////// | ////// | /////// | '////// | /////// | ''''' | 31.0 | ///// | ////// |
| TOTALS | 35.4 | 18.8 | 10.0 | 3.5 | 1.1 | | | | | | | 100.0 | 4.2 | 4.0 |

| | | CATION "A" | PERC | entage | Freque | | OCCURREN | | | D DIREC | TION VE | rsus Win | D SPEE | D D | |
|-----|-----------|------------|-------------|---------------|------------------|---------------|---------------|---------------|---------|---------------|---------|-----------------|--------|-------|--------|
| | | ER: 723865 | LS | T TO UT | C: + 8 | | | | | MONTH | : SEP | HOUR | S: ALL | | |
| | | CBILING G | B 200 | BUT LES | s than and/of | 1500 1 | FEET WIT | M VISIE | ILITY G | E 1/2 M | ILE (08 | 00 METE | RS). | | |
| ••• | •••••• | | • • • • • | • • • • • • • | ••••• | | SPEED II | KNOTS | ••••• | • • • • • • | ••••• | • • • • • • • • | | ••••• | ••••• |
| | DIRECTION | 1-4 | 5-9 | | | | | 30-34 | | | | | | MEAN | MEDIAN |
| | (DEGREES) | • | | | | | | | | | | | • | | WIND |
| (M) | 350-010 | | • • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• |
| | 020-040 | | | | | | | | | | | | | | |
| | 050-070 | | | | | | | | | | | | | | |
| (B) | 080-100 | | | | | | | | | | | | | | |
| | 110-130 | | | | | | | | | | | | | | |
| | 140-160 | | | | | | | | | | | | | | |
| (8) | 170-190 | | | | | | | | | | | | | | |
| | 200-220 | - | | | | | | | | | | | | | |
| | 230-250 | | | | | | | | | | | | | | |
| (W) | 260-280 | | | | | | | | | | | | | | |
| | 290-310 | 1 | | | | 100.0 | | | | | | | 100.0 | 22.0 | 22.0 |
| | 320-340 | | | | | | | | | | | | | | |
| ••• | VARIABLE | | • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • • | | | | ••••• | ••••• | | ••••• | ••••• |
| | CALH | ,,,,,,,, | ///// | ,,,,,,,, | | ////// | /////// | ((((() | /////// | ////// | /////// | | .0 | ///// | ////// |
| | TOTALS | | | | | 100.0 | | | | | | | 100.0 | 22.0 | 22.0 |
| | | - | | 70 | TAL NU | Ber of | OBSERVA | ations | 1 | | | | | | |

OPERATING LOCATION "A" USAFETAC, ASSEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY ORGENVANTORS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 BOURS: 00-02 LST TO UTC: + 8 MONTE: OCT

| | | LS | T TO UI | C: + 8 | | | | | MONTE | : OCT | HOUR | 8: 00-02 | 2 | |
|------------------------|---------------|---------------|---------|-------------|--------|---------------|--------|---------------|--------|---------------|---------|---------------|--------------|----------------|
| ••••• | • • • • • • • | • • • • • • | ••••• | • • • • • • | WIND 8 | PEED IN | KNOTS | | | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MBAN WIND | MEDIAN WIND |
| (M) 350-010 | 8.6 | 1.7 | 1.0 | .1 | ••••• | • • • • • • • | ••••• | | •••••• | ••••• | •••••• | 11.4 | 3.9 | 3.0 |
| 020-040 | 9.1 | 2.4 | 1.0 | .1 | | | | | | | | 12.6 | 3.9 | 3.0 |
| 050-070 | 4.2 | 2.7 | .3 | | | | | | | | | 7.2 | 4.4 | 4.0 |
| (E) 080-100 | 1.5 | .9 | | | | | | | | | | 2.4 | 4.0 | 4.0 |
| 110-130 | 1.7 | .5 | | | | | | | | | | 2.3 | 3.2 | 2.0 |
| 140-160 | .8 | -4 | .2 | .2 | .1 | | | | | | | 1.7 | 7.0 | 6.0 |
| (8) 170-190 | .8 | 1.7 | 1.3 | .9 | | | | | | | | 4.6 | 9.3 | 9.0 |
| 200-220 | 1.4 | .9 | 1.2 | .2 | | | | | | | | 3.7 | 7.2 | 6.0 |
| 230-250 | 1.5 | .1 | | | | | | | | | | 1.6 | 2.8 | 2.0 |
| (W) 260-280 | 2.3 | .1 | .1 | | | | | | | | | 2.5 | 2.8 | 2.0 |
| 290-310 | 1.8 | .4 | .1 | .2 | | | | | | | | 2.6 | 4.5 | 3.0 |
| 320-340 | 3.0 | .4 | .2 | | | | | | | | | 3.7 | 3.4 | 3.0 |
| VARIABLE | : | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ,,,,,, | ////// | ////// | ,,,,,, | ,,,,,, | /////// | ////// | /////// | ,,,,,,, | 43.9 | ///// | ///// |
| TOTALS | 36.7 | 12.2 | 5.4 | 1.7 | .1 | | | | | | | 100.0 | 2.6 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: OCT HOURS: 03-05

| | | PS | r 10 UI | C: + 8 | | | | | PON18 | ii oct | HOUR | 8: 03-03 | • | |
|------------------------|---------|-------------|---------------|--------|--------|---------|---------------|---------------|---------------|---------------|---------------|----------|--------------|----------------|
| ••••••• | ••••• | • • • • • • | • • • • • • • | ••••• | WIND 8 | PEED IN | KNOTS | | • • • • • • • | • • • • • • • | | | ••••• | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 7.1 | 1.7 | .4 | .1 | | | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | 9.4 | 3.5 | 2.0 |
| 020-040 | 6.1 | 1.4 | .9 | .3 | | | | | | | | 8.7 | 4.4 | 3.0 |
| 050-070 | 4.2 | 1.8 | .4 | | | | | | | | | 6.5 | 4.2 | 4.0 |
| (E) 080-100 | 2.5 | .6 | .2 | | | | | | | | | 3.3 | 4.0 | 3.0 |
| 110-130 | 1.4 | .3 | | | | | | | | | | 1.7 | 3.4 | 3.0 |
| 140-160 | 1.2 | .4 | .4 | | | | | | | | | 2.0 | 4.9 | 3.0 |
| (8) 170-190 | 1.1 | 1.2 | 1.3 | .8 | .2 | | | | | | | 4.5 | 9.5 | 9.5 |
| 200-220 | 3.1 | .4 | .4 | .4 | .4 | | | | | | | 4.8 | 6.7 | 3.0 |
| 230-250 | 1.2 | .1 | | | | | | | | | | 1.3 | 2.7 | 2.0 |
| (W) 260-280 | 1.4 | .1 | | .1 | | | | | | | | 1.6 | 3.9 | 3.0 |
| 290-310 | 2.4 | .6 | .3 | | | | | | | | | 3.3 | 3.5 | 2.0 |
| 320-340 | 3.4 | .8 | .1 | | | | | | | | | 4.3 | 3.2 | 2.5 |
| VARIABLE | | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ////// | ,,,,,, | ////// | ////// | /////// | ,,,,,, | ,,,,,, | /////// | ,,,,,,, | 48.5 | ///// | ////// |
| TOTALS | 35.1 | 9.4 | 4.4 | 1.7 | .6 | | | | | | | 100.0 | 2.4 | 3.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION MUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LS | T TO UI | C: + 8 | | | | | MONTE | : OCT | HOUR | s: 06-0 | 3 | |
|------------------------|-----------------|--------|---------|---------------|---------|------------------|--------|---------------|---------|---------------|---------|---------------|--------------|----------------|
| ••••• | • • • • • • • • | ••••• | ••••• | • • • • • • • | | | | • • • • • • • | | | ••••• | • • • • • • • | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | PEED IN 25-29 | | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (#) 350-010 | 2.6 | 1.9 | .9 | .1 | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | 5.5 | 5.3 | 5.0 |
| 020-040 | 3.0 | 1.3 | .8 | .2 | | | | | , | | | 5.3 | 5.5 | 4.0 |
| 050-070 | 3.8 | 2.4 | .1 | | | | | | | | | 6.2 | 4.1 | 4.0 |
| (E) 080-100 | 2.0 | .6 | | | | | | | | | | 2.7 | 3.3 | 3.0 |
| 110-130 | 1.3 | | | | | | | | | | | 1.3 | 2.7 | 2.5 |
| 140-160 | 1.6 | .4 | .3 | | | | | | | | | 2.4 | 4.7 | 3.0 |
| (8) 170-190 | 2.4 | 1.2 | 1.7 | .5 | .2 | | | | | | | 6.0 | 8.0 | 8.0 |
| 200-220 | 4.1 | .5 | .2 | .4 | | | | | | | | 5.3 | 4.3 | 3.0 |
| 230-250 | 1.5 | .1 | | | | | | | | | | 1.6 | 2.0 | 2.0 |
| (W) 260-280 | 1.2 | | -1 | | | | | | | | | 1.3 | 3.3 | 2.5 |
| 290 -310 | 1.9 | .2 | .1 | | | | | | | | | 2.3 | 3.0 | 2.0 |
| 320-340 | 3.3 | .3 | | | | | | | | | | 3.7 | 2.4 | 2.0 |
| VARIABLE | I | ••••• | ••••• | ••••• | ••••• | ••••• | | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• |
| | | | | | | | | | | | | | | |
| CALM | //////// | 111111 | ,,,,,,, | ,,,,,,, | 7777777 | ''''' | 777777 | ''''' | 1111111 | 1111111 | ,,,,,,, | 30.6 | ///// | ///// |
| TOTALS | 28.7 | 8.9 | 4.2 | 1.2 | .2 | | | | | | | 100.0 | 2.0 | 3.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LS | T TO UI | c: + 8 | | | | | MONTE | i: OCT | HOUR | S: 09-11 | l. | |
|------------------------|-----------------|---------------|-------------|---------|-----------------|---------|-------|---------|---------------|---------------|---------------|---------------|--------------|----------------|
| ••••• | • • • • • • • • | • • • • • • • | • • • • • • | ••••• | | | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | WIRD 8 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (M) 350-010 | 1.6 | 2.0 | 2.4 | .3 | ••••• | .1 | ••••• | ••••• | • • • • • • | • • • • • • • | ••••• | 6.5 | 8.4 | 8.5 |
| 020-040 | 2.4 | 3.7 | 5.4 | 1.5 | | | | | | | | 12.9 | 9.2 | 10.0 |
| 050-070 | 3.3 | 4.0 | 1.9 | .1 | | | | | | | | 9.4 | 6.4 | 7.0 |
| (E) 080-100 | 3.2 | 1.8 | .4 | | | | | | | | | 5.5 | 4.4 | 4.0 |
| 110-130 | 2.6 | 1.0 | | | | | | | | | | 3.5 | 3.5 | 2.0 |
| 140-160 | 3.4 | 1.3 | .3 | | .1 | | | | | | | 5.2 | 4.3 | 3.5 |
| (8) 170-190 | 5.5 | 1.0 | .8 | 1.7 | .4 | | | | | | | 9.4 | 7.1 | 4.0 |
| 200-220 | 8.3 | .9 | .4 | .3 | .1 | | | | | | | 10.0 | 3.7 | 2.0 |
| 230-250 | 1.8 | .5 | | .2 | | | | | | | | 2.6 | 4.3 | 2.5 |
| (W) 260-280 | 1.5 | .1 | | .1 | | | | | | | | 1.7 | 2.9 | 2.0 |
| 290-310 | 1.5 | | | .1 | .2 | | | | | | | 1.8 | 5.4 | 3.0 |
| 320-340 | .6 | .1 | | | | | | | | | | .8 | 3.1 | 2.0 |
| VARIABLE | ! | • • • • • • | · · · · · · | ••••• | ••••• | ••••• | | | | • • • • • • • | ••••• | ••••• | • • • • • • | |
| CALM | 1111111 | ,,,,,, | ,,,,,,, | ,,,,,,, | | ,,,,,,, | | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | 30.0 | ,,,,,, | ,,,,,, |
| Commit | [| | ,,,, | | ,,,, | ,,,,,, | | | ,,,,,,, | | | 30.3 | ,,,,,, | |
| TOTALS | 35.7 | 16.4 | 11.5 | 4.3 | .8 | .1 | | | | | | 100.0 | 4.2 | 4.0 |
| | | | | | | | | | | | | | | |

OPERATING LOCATION "A"

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED

FROM BOURLY OBSERVATIONS USAFETAC, ASHEVILLE NC STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: OCT HOURS: 12-14 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN DIRECTION (DEGREES) * WIND WIND 6.0 (N) 350-010 1.8 020-040 6.0 3.2 5.4 .6 .1 15.4 8.2 8.0 050-070 5.6 6.3 2.5 -3 14.7 6.1 6.0 (E) 080-100 4.9 3.4 .4 8.8 4.5 4.0 110-130 4.7 2.4 .4 7.5 4.2 4.0 140-160 4.3 2.4 .2 .1 7.0 4.4 4.0 (8) 170-190 4.4 1.5 1.4 .6 .5 8.5 6.7 4.0 200-220 2.5 1.7 1.4 1.0 7.7 10.0 1.0 .1 8.0 .1 230-250 3.0 .1 .4 3.0 .3 .1 4.0 5.2 (W) 260-280 1.5 .1 .2 .2 .1 2.2 6.3 2.5 290-310 1.0 .2 .1 .3 -4 2.0 9.8 7.0 320-340 .8 .1 .1 1.0 4.7 4.0 VARIABLE CALM TOTALS 38.1 26.3 13.9 3.7 100.0 5.5 5.0 TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 95

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: OCT BOURS: 15-17

| | | LS | T TO U | C: + 8 | | | | | MONTE | : OCT | BOUR | 8: 15-17 | , | |
|------------------------|-----------------|-------------|---------|---------------|--------|---------------|---------------|--------|----------------|---------------|---------|---------------|--------------|----------------|
| ••••• | • • • • • • • • | • • • • • • | | • • • • • • • | WIND S | PEED IN | RMOTS | | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | l .6 | 1.3 | 9 | •••••• | ••••• | •••••• | • • • • • • • | ****** | • • • • • • • | ••••• | ••••• | 3.0 | 8.2 | 8.0 |
| (M) 330-010 | | 1.3 | .9 | .2 | | | | | | | | 3.0 | 8.2 | 8.0 |
| 020-040 | 3.7 | 5.3 | 3.5 | 1.0 | .1 | | | | | | | 13.5 | 7.7 | 7.0 |
| 050-070 | 7.5 | 6.7 | 1.8 | | | | | | | | | 16.0 | 5.3 | 5.0 |
| (E) 080-100 | 6.9 | 3.2 | .9 | | | | | | | | | 11.0 | 4.5 | 4.0 |
| 110-130 | 5.3 | 3.4 | 1.2 | .3 | | | | | | | | 10.2 | 5.4 | 4.0 |
| 140-160 | 1.6 | 1.4 | .5 | .3 | | | | | | | | 3.9 | 6.5 | 5.5 |
| (8) 170-190 | 2.8 | 1.7 | 1.3 | .4 | .4 | .1 | | | | | | 6.8 | 7.7 | 7.0 |
| 200-220 | 4.7 | .9 | 2.4 | 1.2 | .6 | .1 | | | | | | 9.9 | 8.4 | 6.0 |
| 230-250 | 2.8 | .4 | .4 | .2 | .4 | | | | | | | 4.3 | 6.6 | 3.0 |
| (W) 260-280 | 1.0 | .2 | .3 | .5 | .1 | | | | | | | 2.2 | 8.8 | 7.0 |
| 290-310 | .2 | .4 | .2 | .8 | .4 | .1 | | | | | | 2.2 | 14.2 | 15.5 |
| 320-340 | .2 | .3 | | | | | | | | | | .5 | 5.2 | 6.0 |
| VARIABLE | : | ••••• | | | ••••• | • • • • • • • | | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | ••••• |
| | | | | | | | | | | | | | | |
| CALM | /////// | ,,,,,, | ,,,,,,, | ''''' | ''''' | '////// | | ''''' | <i>!!!!!!!</i> | '////// | '////// | 16.6 | ////// | ////// |
| TOTALS | 37.3 | 25.2 | 13.4 | 4.9 | 2.0 | .3 | | | | | | 100.0 | 5.6 | 5.0 |
| | | | | | | | | | | | | | | |

OPERATING LOCATION "A"

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED

FROM BOURLY OBSERVATIONS USAPETAC, ASHEVILLE NC STATION NAME: NELLIS AFB/LAS VEGAS NV STATION NUMBER: 723865 PERIOD OF RECORD: AT 81 - SEP 91 LST TO UTC: + 8 MONTH: OCT HOURS: 18-20 WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN # WIND WIND (DECREES) (N) 350-010 .5 .3 020-040 11.8 3.7 1.1 .5 17.1 4.5 3.0 050-070 6.7 3.0 .3 10.0 4.0 4.0 (E) 080-100 2.0 .9 .2 3.1 4.1 3.0 110-130 1.5 1.2 .5 6.3 5.5 .1 .1 140-160 1.8 2.2 1.0 .1 5.1 6.6 6.0 (8) 170-190 2.3 2.3 1.8 .3 6.7 7.2 8.0 200-220 1.7 .3 7.5 7.0 1.3 1.1 4.5 .1 230-250 .5 6.5 1.2 .4 .1 2.3 4.0 (W) 260-280 .3 .4 .5 .1 8.3 7.0 .5 290-310 1.0 .5 .1 2.2 6.8 6.0 320-340 3.7 .4 2.9 3.0 4.1 VARIABLE CALH TOTALS 45.1 17.6 7.8 1.9 100.0 3.7

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 97

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VRGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: OCT BOURS: 21-23

| | | I S | T TO UI | :C: + 8 | | | | | PIONTE | i: OCT | HOUR | S: 21-2. | , | |
|------------------------|--------|--------|-------------|---------|--------|--------|--------|---------------|---------------|---------------|---------|----------|--------------|----------------|
| ••••• | ••••• | ••••• | • • • • • • | ••••• | WIND 8 | PEED I | RIOTS | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 5.2 | 2.2 | .5 | .2 | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | 8.1 | 4.4 | 3.0 |
| 020-040 | 7.4 | 4.0 | 1.1 | .5 | .1 | | | | | | | 13.1 | 5.1 | 4.0 |
| 050-070 | 6.9 | 2.9 | .2 | | | | | | | | | 10.0 | 3.9 | 4.0 |
| (E) 080-100 | 1.9 | .5 | .1 | | | | | | | | | 2.6 | 3.7 | 3.0 |
| 110-130 | 1.4 | .3 | | | | | | | | | | 1.7 | 3.2 | 3.0 |
| 140-160 | 1.2 | .6 | .3 | .3 | .1 | | | | | | | 2.6 | 7.5 | 6.5 |
| (8) 170-190 | 2.4 | 1.0 | 2.5 | .4 | | | | | | | | 6.2 | 7.7 | 8.5 |
| 200-220 | 4.0 | 1.4 | .4 | .5 | .1 | | | | | | | 6.5 | 5.3 | 3.0 |
| 230-250 | 1.3 | .4 | .1 | .1 | | | | | | | | 1.9 | 4.9 | 4.0 |
| (W) 260-280 | 1.0 | .2 | .1 | | | | | | | | | 1.3 | 4.5 | 4.0 |
| 290-310 | 1.3 | .5 | .2 | .1 | | | | | | | | 2.2 | 5.0 | 3.5 |
| 320-340 | 2.5 | .1 | .1 | | | | | | | | | 2.7 | 2.8 | 2.0 |
| VARIABLE | | ••••• | | ••••• | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,, | ////// | ,,,,,, | ////// | ////// | ////// | ////// | ,,,,,, | /////// | ,,,,,, | ,,,,,,, | 41.2 | ///// | 111111 |
| TOTALS | 36.5 | 14.1 | 5.6 | 2.1 | .3 | | | | | | | 100.0 | 2.9 | 4.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: OCT HOURS: ALL

| ••••• | | • • • • • • | | ••••• | | PEED IN | | | | | | | | |
|-------------|---------------------------------------|-------------|--------|---------|--------|-------------|--------|---------|---|---------|-------|-------|-------------|--------|
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | l | | | | | ••••• | | | · • • • • • • • • • • • • • • • • • • • | | | * | WIND | WIND |
| (N) 350-010 | 4.9 | 1.8 | 1.0 | .2 | ••••• | .0 | ••••• | | | | | 7.9 | 4.9 | 3.0 |
| 020-040 | 5.8 | 3.5 | 2.4 | .6 | .0 | | | | | | | 12.3 | 6.2 | 5.0 |
| 050-070 | 5.3 | 3.7 | 1.0 | .1 | | | | | | | | 10.0 | 5.0 | 4.0 |
| (E) 080-100 | 3.1 | 1.5 | .3 | | | | | | | | | 4.9 | 4.2 | 4.0 |
| 110-130 | 2.5 | 1.1 | .3 | .1 | .0 | | | | | | | 4.0 | 4.5 | 4.0 |
| 140-160 | 2.0 | 1.1 | .4 | .1 | .1 | | | | | | | 3.7 | 5.5 | 4.0 |
| (8) 170-190 | 2.7 | 1.4 | 1.5 | .7 | .2 | .0 | | | | | | 6.6 | 7.7 | 7.0 |
| 200-220 | 3.7 | 1.0 | .9 | .6 | .3 | .0 | .0 | | | | | 6.5 | 6.6 | 4.0 |
| 230-250 | 1.8 | .3 | .1 | .1 | .1 | | | | | | | 2.4 | 4.9 | 3.0 |
| (W) 260-280 | 1.3 | .2 | .2 | .1 | .0 | .0 | | | | | | 1.8 | 5.1 | 3.0 |
| 290-310 | 1.4 | .4 | .2 | .2 | .1 | .0 | | | | | | 2.3 | 6.3 | 3.5 |
| 320-340 | 2.2 | .3 | .1 | .0 | | | | | | | | 2.6 | 3.1 | 2.0 |
| VARIABLE | · · · · · · · · · · · · · · · · · · · | • • • • • • | ••••• | ••••• | ••••• | • • • • • • | ••••• | • | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • | ••••• |
| CALH | ,,,,,,, | ////// | ////// | /////// | ////// | /////// | ////// | ,,,,,,, | /////// | /////// | ''''' | 35.0 | ///// | ////// |
| TOTALS | 36.7 | 16.3 | 8.4 | 2.8 | .8 | | | | | | | 100.0 | 3.6 | 4.0 |

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC, ASHEVILLE NC FROM BOURLY OBSERVATIONS STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: OCT BOURS: ALL CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FRET WITE VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FRET. WIND SPEED IN KNOTS DIRECTION | 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES) * WIND WIND (N) 350-010 33.3 8.0 8.0 020-040 33.3 050-070 33.3 33.3 6.0 6.0 (E) 080-100 110-130 140-160 (8) 170-190 200-220 230-250 (W) 260-280 33.3 33.3 28.0 25.0 290-310 320-340 VARIABLE CALM TOTALS 66.6 33.3 100.0 14.0 8.0 TOTAL NUMBER OF OBSERVATIONS 3

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: NOV BOURS: 00-02

| DIRECTION | | • • • • • • | ••••• | • • • • • • • | | | | ••••• | | | | | | |
|-------------|---------|-------------|---------|---------------|--------|---------|--------|---|--------|--------|---------|---------------|--------------|----------------|
| DIRECTION | | | | | | DEED IN | | | | | | | | |
| (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 5.8 | 1.3 | .3 | ****** | .3 | ••••• | ••••• | ••••• | | | | 7.8 | 4.1 | 2.0 |
| 020-040 | 5.7 | 2.9 | 1.2 | .1 | .1 | | | | | | | 10.0 | 5.0 | 4.0 |
| 050-070 | 5.7 | 2.3 | .3 | | | | | | | | | 8.3 | 3.9 | 4.0 |
| (E) 080-100 | 1.9 | 1.2 | | | | | | | | | | 3.1 | 4.3 | 4.0 |
| 110-130 | .7 | .1 | | | | .1 | | | | | | .9 | 5.3 | 2.0 |
| 140-160 | .9 | .3 | .7 | .2 | .1 | | | | | | | 2.2 | 7.7 | 8.0 |
| (8) 170-190 | 2.8 | 1.7 | 1.9 | 1.1 | .6 | .1 | | | | | | 8.1 | 9.1 | 8.0 |
| 200-220 | 1.8 | 1.1 | .3 | .2 | .2 | .2 | | | | | | 3.9 | 7.5 | 5.0 |
| 230-250 | 1.6 | .7 | .2 | .1 | | | | | | | | 2.6 | 4.7 | 4.0 |
| (W) 260-280 | 1.3 | .1 | .3 | .4 | | | | | | | | 2.2 | 6.9 | 3.5 |
| 290-310 | 3.2 | .4 | .9 | .3 | .2 | | | | | | | 5.1 | 6.0 | 4.0 |
| 320–340 | 2.8 | 1.0 | .3 | .1 | | | | | | | | 4.2 | 4.2 | 3.0 |
| VARIABLE | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| CAIM | /////// | ,,,,,, | ,,,,,,, | ////// | ////// | ////// | ////// | ////// | ,,,,,, | ////// | /////// | 41.6 | ///// | ///// |
| TOTALS | 34.2 | 13.1 | 6.4 | 2.5 | 1.5 | .4 | | | | | | 100.0 | 3.3 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV ROURS: 03-05

| | | LS | T TO UI | C: + 8 | | | | | MONTE | : NOV | HOUR | S: 03-05 | 5 | |
|------------------------|---------|--------|---------|--------|--------|---------|---------------|---------|---------|---------|---------|---------------|--------------|----------------|
| | ••••• | ••••• | ••••• | ••••• | WTMD 0 | PEED IN | WHEN THE | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GR 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (N) 350-010 | 4.9 | 2.0 | 1.1 | .1 | ••••• | ••••• | •••••• | ••••• | ••••• | ***** | ••••• | 8.1 | 5.0 | 4.0 |
| 020-040 | 6.4 | 1.2 | .7 | | | | | | | | | 8.3 | 3.8 | 3.0 |
| 050-070 | 4.3 | 2.4 | .2 | | | | | | | | | 7.0 | 4.2 | 4.0 |
| (B) 080-100 | 2.8 | .9 | | | | | | | | | | 3.7 | 3.3 | 3.0 |
| 110-130 | .9 | .3 | | .1 | | | | | | | | 1.3 | 4.3 | 2.5 |
| 140-160 | 1.0 | .3 | .8 | | | | | | | | | 2.1 | 6.5 | 6.0 |
| (8) 170-190 | 2.3 | 1.4 | 1.9 | .7 | .2 | | | | | | | 6.6 | 8.0 | 8.0 |
| 200-220 | 2.1 | 1.0 | .3 | .2 | .3 | | | | | | | 4.0 | 6.9 | 4.0 |
| 230-250 | 1.1 | .6 | | | .1 | | | | | | | 1.8 | 5.4 | 3.5 |
| (W) 260-280 | 2.1 | .4 | | .1 | | | | | | | | 2.7 | 3.9 | 3.0 |
| 290-310 | 3.1 | .3 | .7 | .8 | .4 | .1 | | | | | | 5.4 | 7.7 | 3.0 |
| 320-340 | 2.9 | 1.1 | .3 | | -1 | | | | | | | 4.4 | 4.6 | 3.0 |
| VARIABLE | ! ! | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| Victoria | | | | | | | | | | | | | | |
| CALM | /////// | ////// | ////// | ////// | ////// | '////// | ////// | '////// | '////// | /////// | /////// | 44.6 | ///// | ///// |
| TOTALS | 33.9 | 11.9 | 6.0 | 2.0 | 1.1 | .1 | | | | | | 100.0 | 3.0 | 4.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: HELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LS | T TO UI | .C: + 8 | | | | | HONTH | : NOV | HOUR | 8: 06-08 |) | |
|------------------------|-------------------|--------|---------|---------|---------|---------|--------|---------|--------|---------|--------|---------------|--------------|----------------|
| •••••• | • • • • • • • • • | ••••• | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• |
| DIRECTION (DECREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | MEDIAN WIND |
| (M) 350-010 | 2.6 | .7 | .3 | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | 3.6 | 3.8 | 2.0 |
| 020-040 | 5.0 | 1.3 | | | | | | | | | | 6.3 | 3.4 | 3.0 |
| 050-070 | 4.6 | 2.0 | .3 | | | | | | | | | 6.9 | 4.4 | 4.0 |
| (E) 080-100 | 3.1 | .7 | .1 | | | | | | | | | 3.9 | 3.4 | 3.0 |
| 110-130 | .8 | .2 | | | | | | | | | | 1.0 | 3.0 | 3.0 |
| 140-160 | 1.3 | .7 | .3 | .1 | .3 | | | | | | | 2.8 | 7.8 | 6.0 |
| (8) 170-190 | 1.9 | 1.3 | 1.3 | .3 | .3 | | | | | | | 5.2 | 8.2 | 8.0 |
| 200-220 | 3.3 | .4 | .4 | .4 | .3 | | .1 | | | | | 5.1 | 6.6 | 3.0 |
| 230-250 | 2.2 | .2 | .2 | .1 | | | | | | | | 2.8 | 3.2 | 2.0 |
| (W) 260-280 | 2.1 | .4 | | .1 | .4 | .2 | | | | | | 3.3 | 7.5 | 3.5 |
| 290-310 | 2.2 | -4 | 1.1 | .6 | .2 | | | | | | | 4.6 | 8.1 | 6.0 |
| 329-340 | 2.6 | .7 | .3 | .2 | | | | | | | | 3.8 | 4.6 | 2.5 |
| VARIABLE | : | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | ••••• |
| CALM | ,,,,,,, | ////// | ////// | /////// | /////// | ,,,,,,, | ////// | ,,,,,,, | ,,,,,, | ,,,,,,, | ,,,,,, | 50.8 | ///// | 111111 |
| TOTALS | 31.7 | 9.0 | 4.3 | 1.8 | 1.5 | .2 | .1 | | | | | 100.0 | 2.7 | 3.0 |
| | | | TO | TAL NUM | BER OF | OBSERVA | TIONS | 900 | | | | | | |

140-160

200-220

(5) 170-190

2.1

5.9

4.6

.6

1.2

.6

.4

1.8

.3

.9

.8

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

.1

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTE: NOV HOURS: 09-11 WIND SPEED IN KNOTS DIRECTION (DEGREES) 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN # WIND WIND (N) 350-010 .9 1.3 1.9 .8 .2 5.1 10.2 10.0 020-040 2.6 2.8 2.8 .1 .8 9.0 8.2 8.0 050-070 2.6 4.2 1.6 8.3 6.1 6.0 (E) 080-100 2.1 1.3 .1 3.6 4.2 4.0 110-130 2.1 .4 .3 2.9 4.3 3.0

.1

.3

.6

230-250 1.9 .2 .2 .1 2.6 4.7 2.0 (W) 260-280 1.4 .6 .2 .6 .2 .2 3.2 9.4 6.0 .7 290-310 .6 1.1 .6 .4 .4 3.8 12.4 12.0 320-340 .3 .1 2.1 5.1 3.0

.1

.4

.2

TOTALS 28.6 14.1 10.5 4.5 2.0 1.6 .1 100.0 4.5 5.0

TOTAL NUMBER OF OBSERVATIONS 900

ŕ

3.3

10.6

7.1

5.6

7.1

7.5

2.0

4.0

2.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: NOV HOURS: 12-14

| DIRECTION | 1 1-4 | 5-9 | 10_14 | 15_10 | | PEED IN 25-29 | | 35_30 | 40-49 | 50-64 | GR 65 | TOTAL | MRAN | MEDIAN |
|-------------|---------|-------------|--------|--------|--------|------------------|--------|--------|---------|---------------|---------------|---------------|-------------|--------|
| (DEGREES) | | 3-3 | 10-14 | 13-19 | 20-24 | 43-23 | 30-34 | 33-33 | 40-45 | 30-04 | GE 03 | • | WIND | AIND |
| (M) 350-010 | .8 | 1.1 | 1.4 | .6 | .1 | ••••• | ***** | ••••• | ••••• | ••••• | • • • • • • • | 4.0 | 9.6 | 10.0 |
| 020-040 | 3.6 | 5.4 | 5.2 | 1.0 | .1 | | | | | | | 15.3 | 8.2 | 8.0 |
| 050-070 | 6.4 | 8.2 | 1.4 | .2 | .1 | | | | | | | 16.4 | 5.7 | 6.0 |
| (E) 080-100 | 5.1 | 3.7 | .8 | | | | | | | | | 9.6 | 4.8 | 4.0 |
| 110-130 | 2.4 | 1.3 | .7 | | | | | | | | | 4.4 | 5.1 | 4.0 |
| 140-160 | 3.0 | .9 | .3 | .1 | .1 | | | | | | | 4.4 | 4.7 | 2.5 |
| (8) 170-190 | 3.1 | 1.1 | 1.4 | .9 | 1.0 | .1 | | | | | | 7.7 | 9.1 | 6.0 |
| 200-220 | 3.4 | 1.0 | 1.3 | .3 | .9 | | | | | | | 7.0 | 7.9 | 5.0 |
| 230-250 | 2.6 | .4 | .1 | | .3 | .1 | | | | | | 3.6 | 5.5 | 2.5 |
| (W) 260-280 | 1.7 | -1 | .3 | .3 | .3 | .1 | | | | | | 2.9 | 8.0 | 3.0 |
| 290-310 | 1.6 | .2 | 1.1 | .8 | .4 | .4 | | | | | | 4.6 | 11.7 | 12.0 |
| 320-340 | .8 | .3 | .1 | .1 | .2 | | | | | | | 1.6 | 7.8 | 4.5 |
| VARIABLE | : | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ,,,,,, | ,,,,,, | ////// | ////// | ////// | ,,,,,, | /////// | /////// | ,,,,,, | 18.6 | ///// | ////// |
| TOTALS | 34.5 | 23.7 | 14.1 | 4.3 | 3.5 | .7 | | | | | | 100.0 | 5.8 | 6.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV HOURS: 15-17

| | | LS | T TO UI | .C: + 8 | | | | | MONTE | : MOA | HOUR | 8: 15-17 | , | |
|------------------------|---------|--------|---------------|---------|---------|---------------|--------|---------------|---------------|---------------|---------------|----------|--------------|------------------|
| ••••• | ••••• | ••••• | | | WIND 8 | SPEED IN | KNOTS | • • • • • • • | • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | mean Wind | WEDIAN MEDIAN |
| (N) 350-010 | 1.9 | 2.2 | 1.3 | 6 | 3 | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | 6.3 | 8.2 | 8.0 |
| (M) 330-010 | 1 | 2.4 | 1.3 | .0 | | | | | | | | 0.3 | 0.2 | 0.0 |
| 020-040 | 5.2 | 6.1 | 2.1 | .1 | | | | | | | | 13.6 | 6.0 | 6.0 |
| 050-070 | 11.1 | 5.8 | .8 | | | | | | | | | 17.7 | 4.2 | 4.0 |
| 030-070 | **** | 3.0 | .0 | | | | | | | | | 1,., | 7.2 | 4.0 |
| (E) 080-100 | 7.1 | 1.8 | -4 | | | | | | | | | 9.3 | 3.6 | 3.0 |
| 110-130 | 3.1 | 2.3 | .4 | | | | | | | | | 5.9 | 5.0 | 4.0 |
| | | | | | | | | | | | | | | |
| 140-160 | 1.3 | 1.0 | .6 | .1 | .1 | | | | | | | 3.1 | 6.1 | 5.5 |
| (8) 170-190 | 2.6 | 1.3 | 2.6 | .6 | .7 | | | | | | | 7.7 | 9.1 | 8.0 |
| | | | | | | | | | | | | | | |
| 200-220 | 2.8 | 1.2 | 1.2 | .7 | .7 | | | | | | | 6.6 | 8.6 | 8.0 |
| 230-250 | .6 | .1 | .3 | .2 | .1 | | | | | | | 1.3 | 9.1 | 9.5 |
| /W) 260 200 | ١., | | _ | _ | • | | | | | | | | 7.0 | |
| (W) 260-280 | 1.2 | .6 | .2 | .2 | .2 | | | | | | | 2.4 | 7.0 | 4.5 |
| 290-311 | .8 | .4 | 1.0 | 1.1 | .6 | .1 | | | | | | 4.0 | 12.5 | 12.5 |
| 320-340 | .7 | .4 | .1 | | | | | | | | | 1.2 | 4.0 | 2.0 |
| 520 540 | | •• | | | | | | | | | | | *** | |
| ************* | | ••••• | • • • • • • • | ••••• | | • • • • • • • | | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | ••••• |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 1111111 | ////// | /////// | /////// | /////// | /////// | ////// | /////// | /////// | /////// | /////// | 20.9 | ///// | 111111 |
| TOTALS | 38.4 | 23.2 | 11.0 | 3.6 | 2.7 | .1 | | | | | | 100.0 | 5.0 | 5.0 |
| TOTALD | 30.4 | 23.2 | 11.0 | 3.0 | 2.1 | •1 | | | | | | 100.0 | 3.0 | 3.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV BOURS: 18-20

| | | LB | T 10 U | C: + 8 | | | | | MONTE | i: MOV | HOUR | B: 18-2(|) | |
|------------------------|-----------------|-------------|---------|--------|--------|---------------|---------------|---------|---------|-------------|---------------|---------------|--------------|----------------|
| ••••• | • • • • • • • • | • • • • • • | ••••• | | WIND 8 | PEED IN | KNOTS | | | •••••• | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | Median Wind |
| (M) 350-010 | 13.8 | 1.2 | .8 | .2 | ••••• | ••••• | ······ | ••••• | ••••• | ••••• | ••••• | 16.0 | 3.6 | 3.0 |
| 020-040 | 13.9 | 4.7 | .7 | .3 | .1 | | | | | | | 19.7 | 4.0 | 3.0 |
| 050-070 | 8.1 | 3.9 | .3 | | | | | | | | | 12.3 | 4.0 | 4.0 |
| (E) 080-100 | 2.8 | .8 | .1 | | | | | | | | | 3.7 | 3.5 | 3.0 |
| 110-130 | 1.3 | .3 | .2 | | | | | | | | | 1.9 | 4.0 | 3.0 |
| 140-160 | .4 | .3 | .4 | .7 | | | | | | | | 1.9 | 10.4 | 11.0 |
| (5) 170-190 | 1.4 | 3.1 | 2.1 | .8 | .1 | | | | | | | 7.6 | 8.5 | 8.0 |
| 200-220 | 1.4 | 1.0 | 1.1 | .4 | .1 | | | | | | | 4.1 | 8.4 | 8.0 |
| 230-250 | .4 | .4 | .1 | .1 | .1 | | | | | | | 1.2 | 7.3 | 5.0 |
| (W) 260-280 | 1.0 | .6 | .2 | | .1 | | | | | | | 1.9 | 6.0 | 4.0 |
| 290-310 | 1.4 | 1.0 | .3 | .2 | .1 | | | | | | | 3.1 | 6.7 | 5.0 |
| 320-340 | 2.7 | .6 | .1 | .1 | | | | | | | | 3.4 | 3.8 | 3.0 |
| VARIABLE | ! | • • • • • • | ••••• | | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • | • • • • • • • | ••••• | ••••• | ••••• |
| CAIM | ,,,,,,, | ,,,,,, | /////// | ////// | ////// | /////// | /////// | /////// | /////// | /////// | ,,,,,,, | 23.2 | ///// | 111111 |
| TOTALS | 48.6 | 17.9 | 6.4 | 2.8 | .6 | | | | | | | 100.0 | 3.8 | 4.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: NOV HOURS: 21-23

| | | ь | 1 10 01 | C: Y B | | | | | WOWITE | : MOA | HOUR | D: 21-23 | , | |
|------------------------|---------|-------------|---------|---------|---------------|---------|-------------|-------|--------|--------|--------|---------------|--------------|----------------|
| ************ | ••••• | • • • • • • | | ••••• | WIND 8 | PRED IN | KNOTS | ••••• | ••••• | ••••• | ****** | • • • • • • • | ••••• | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MEAN WIND | MEDIAN UNIW |
| (M) 350-010 | 6.8 | .3 | .3 | .2 | .2 | •••••• | ••••• | ••••• | ••••• | ••••• | ••••• | 7.9 | 4.0 | 3.0 |
| 020-040 | 7.3 | 3.6 | 1.3 | .3 | .1 | | | | | | | 12.7 | 5.1 | 4.0 |
| 050-070 | 5.6 | 4.1 | .1 | | | | | | | | | 9.8 | 4.4 | 4.0 |
| (B) 080-100 | 2.0 | .7 | | | | | | | | | | 2.7 | 3.3 | 2.5 |
| 110-130 | 1.3 | .1 | | .1 | | | | | | | | 1.6 | 3.6 | 2.0 |
| 140-160 | .7 | | .6 | .2 | .1 | | | | | | | 1.6 | 8.4 | 10.0 |
| (8) 170-190 | 1.9 | 1.4 | 3.3 | 1.1 | .6 | | | | | | | 8.3 | 10.1 | 10.0 |
| 200-220 | 1.7 | .9 | .7 | .3 | .2 | | | | | | | 3.8 | 7.5 | 6.0 |
| 230-250 | 1.8 | .1 | .4 | | | | | | | | | 2.3 | 4.9 | 3.0 |
| (W) 260-280 | .9 | .3 | | | | | | | | | | 1.2 | 3.0 | 3.0 |
| 290-310 | 1.6 | .8 | 1.0 | .4 | | | | | | | | 3.8 | 7.9 | 7.5 |
| 320-340 | 2.9 | 1.2 | .2 | .1 | | | | | | | | 4.4 | 4.4 | 4.0 |
| Variable | : | ••••• | ••••• | ••••• | • • • • • • • | | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• |
| CALM | ,,,,,,, | ,,,,,, | ////// | /////// | /////// | /////// | ,,,,,, | | | ////// | | 40.0 | ////// | ///// |
| TOTALS | 34.5 | 13.5 | 7.9 | 2.7 | 1.2 | | | | | | | 100.0 | 3.4 | 4.0 |
| | • | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV BOURS: ALL

| | | 1.65 | T 10 U1 | C: + 8 | | | | | MONTE | I: MOA | BOOK | S: WIT | | |
|-----------------|-----------------|---------------|---------|---------|---------|---------|--------|---------|---------------|---------------|---------------|---------------|-------------|---------------|
| | • • • • • • • • | • • • • • • • | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | ••••• | ••••• | • • • • • • • | | • • • • • • • |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MBAN | MEDIAN |
| (DEGREES) | l | • • • • • • | ••••• | •••••• | ••••• | ••••• | ••••• | **** | • • • • • • • | ••••• | • • • • • • • | * | WIND | WIND |
| (M) 350-010 | 4.7 | 1.3 | .9 | .3 | .2 | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | 7.3 | 5.4 | 4.0 |
| 020-040 | 6.2 | 3.5 | 1.8 | .3 | .1 | | | | | | | 11.9 | 5.6 | 4.0 |
| 050-070 | 6.0 | 4.1 | .6 | .0 | .0 | | | | | | | 10.8 | 4.7 | 4.0 |
| (E) 080-100 | 3.4 | 1.4 | .2 | | | | | | | | | 4.9 | 3.9 | 3.0 |
| 110-130 | 1.6 | .7 | .2 | .0 | | .0 | | | | | | 2.5 | 4.6 | 4.0 |
| 140-160 | 1.3 | .5 | .5 | .2 | .1 | .0 | | | | | | 2.7 | 6.7 | 4.0 |
| (8) 170-190 | 2.7 | 1.6 | 2.0 | .8 | .5 | .1 | | | | | | 7.7 | 8.6 | 8.0 |
| 200-220 | 2.6 | .9 | .7 | .4 | .4 | .1 | .0 | .0 | | | | 5.2 | 7.6 | 4.0 |
| 230-250 | 1.5 | .3 | .2 | .1 | .1 | .0 | | | | | | 2.3 | 5.2 | 3.0 |
| (W) 260-280 | 1.5 | -4 | .2 | .2 | .2 | .1 | | | | | | 2.5 | 6.8 | 4.0 |
| 290 –310 | 1.9 | .5 | .8 | .6 | .3 | .1 | | | | | | 4.3 | 9.0 | 7.0 |
| 320-340 | 2.1 | .7 | .2 | .1 | .0 | | | | | | | 3.2 | 4.6 | 3.0 |
| Variable | : | • • • • • • | ••••• | ••••• | ••••• | | ••••• | ••••• | • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| CALH | /////// | ////// | ////// | /////// | /////// | /////// | ////// | /////// | /////// | ////// | /////// | 34.8 | ///// | ///// |
| TOTALS | 35.5 | 15.9 | 8.3 | 3.0 | 1.9 | .4 | | | | | | 100.0 | 3.9 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: NOV HOURS: ALL

LST TO UTC: + 8

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

| •••• | ••••• | ••••• | ••••• | | WIND 8 | PEED IN | KNOTS | | | | ••••• | ••••• | ••••• | ••••• |
|-------------|------------|-------------|-------------|-------|-------------|--|-------------|---------|---------------|---------|-------------|--------|-------------|--------|
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | i | • • • • • • | • • • • • • | ••••• | • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • | ••••• | ••••• | * | WIND | WIND |
| (M) 350-010 | | ••••• | • • • • • • | ••••• | ••••• | ••••• | • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | •••••• | • • • • • • | ••••• |
| 020-040 | 7.1 | | | | | | | | | | | 7.1 | 1.0 | 1.0 |
| 050-070 | 7.1 | | | | | | | | | | | 7.1 | 4.0 | 4.0 |
| (E) 080-100 | 7.1 | | | | | | | | | | | 7.1 | 4.0 | 4.0 |
| 110-130 | | | | | | | | | | | | | | |
| 140-160 | 7.1 | | | | | | | | | | | 7.1 | 2.0 | 2.0 |
| (8) 170-190 | 7.1 | | | | | 7.1 | | | | | | 14.3 | 13.5 | 13.0 |
| 200-220 | | 7.1 | | | | 7.1 | | | | | | 14.3 | 18.0 | 16.5 |
| 230-250 | | | | | | | | | | | | | | |
| (W) 260-280 | 14.3 | | | | | | | | | | | 14.3 | 2.0 | 2.0 |
| 290-310 | | | | | | 7.1 | | | | | | 7.1 | 25.0 | 25.0 |
| 320-340 | | | | | | | | | | | | | | |
| Variable | : | ••••• | | ••••• | • • • • • • | •••••• | • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • | ••••• | | ••••• |
| CALM | ,,,,,,,, | ///// | ////// | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ////// | ·////// | /////// | /////// | /////// | 21.4 | ///// | 111111 |
| | | | | | | | | | | | | | | |
| TOTALS | 49.8 | 7.1 | | | | 21.3 | | | | | | 100.0 | 7.4 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 14

C - 4 - 110

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEEL FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: OCT 81 - SEP 91 STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV LST TO UTC: + 8 MONTH: DEC HOURS: 00-02 WIND SPEED IN KNOTS DIRECTION 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DECREES) WIND WIND • (N) 350-010 5.2 1.0 1.2 7.5 4.8 3.0 .1 .1 020-040 5.5 1.9 1.4 .2 .1 9.1 5.4 4.0 050-070 5.1 3.7 1.1 9.8 5.1 4.0 .3 1.5 (E) 080-100 .1 1.9 3.6 2.5 110-130 1.3 .3 .1 1.7 3.8 2.0 140-160 .3 .1 .5 .1 .1 1.2 10.0 10.0 (8) 170-190 1.2 .3 .9 .5 .2 3.1 9.0 10.0 .1 200-220 1.5 .2 .1 .2 2.2 5.8 2.0 230-250 1.5 .3 .1 .1 2.0 4.6 3.0 (W) 260-280 1.9 .2 2.2 2.6 2.0 290-310 1.9 .8 .9 .9 7.5 6.0 320-340 2.9 .5 .2 4.9 4.1 3.0 VARIABLE CALM 29.8 **TOTALS** 9.6 6.5 2.4 100.0 2.7 4.0

TOTALS

32.6 10.5

4.7 1.7

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: DEC HOURS: 03-05 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES) * WIND WIND •••••• (N) 350-010 .3 6.0 1.5 . 9 8.7 4.5 3.0 020-040 5.9 1.7 .4 .4 .1 8.6 4.7 3.0 050-070 3.4 3.4 1.0 7.8 5.4 (E) 080-100 1.8 .3 .4 2.6 4.3

5.0 3.0 .1 110-130 .8 .4 1.3 5.5 2.5 140-160 1.3 .1 .3 .1 6.5 1.8 3.0 (8) 170-190 1.9 .3 .3 .1 3.1 6.0 3.0 200-220 1.0 .4 .2 4.5 3.0 230-250 1.3 .2 .1 1.6 3.9 3.0 (W) 260-280 .3 1.6 .4 2.4 4.1 2.0 290-310 3.4 1.0 -4 .3 5.2 4.9 3.5 320-340 4.2 1.0 .3 .1 3.7 2.0 VARIABLE CALM

TOTAL NUMBER OF OBSERVATIONS 930

.3

100.0 2.4 3.0

PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LS | T TO UI | C: + 8 | | | | | MONTE | l: DEC | BOUR | 8: 06-08 | 3 | |
|------------------------|-----------------|--------|-------------|---------------|---------|---------|--------|---------|---------|-------------|---------|---------------|--------------|---|
| ••••• | • • • • • • • • | ••••• | ••••• | • • • • • • • | WIND 8 | PEED IN | KNOTS | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • |
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN WIND | wind Median |
| ••••• | : • • • • • • | ••••• | • • • • • • | • • • • • • | ••••• | | ••••• | ••••• | | • • • • • • | ••••• | • • • • • • • | • • • • • | • • • • • • • • |
| (N) 350-010 | 3.8 | 1.5 | .8 | | | | | | | | | 6.0 | 4.5 | 2.5 |
| 020-040 | 4.8 | 1.8 | .8 | | | | | | | | | 7.4 | 4.2 | 3.0 |
| 050-070 | 4.2 | 2.2 | .4 | | | | | | | | | 6.8 | 4.6 | 4.0 |
| (E) 080-100 | 1.8 | .4 | | | | | | | | | | 2.3 | 3.2 | 2.0 |
| 110-130 | 1.3 | .2 | | | | | | | | | | 1.5 | 2.4 | 2.0 |
| 140-160 | 1.0 | .1 | .1 | .1 | | -1 | | | | | | 1.4 | 6.3 | 3.0 |
| (8) 170-190 | 1.5 | .4 | .6 | .2 | | .1 | | | | | | 2.9 | 7.1 | 4.0 |
| 200-220 | 1.6 | .2 | .2 | | .1 | | | | | | | 2.2 | 4.4 | 2.5 |
| 230-250 | .8 | .1 | .1 | | | | | | | | | 1.0 | 3.7 | 2.0 |
| (W) 260-280 | 1.5 | .4 | .2 | .1 | | | | | | | | 2.3 | 4.5 | 3.0 |
| 290-310 | 2.7 | .6 | .3 | .1 | -1 | | | | | | | 3.9 | 4.8 | 2.0 |
| 320-340 | 2.2 | 1.4 | .4 | .1 | | | | | | | | 4.1 | 5.4 | 4.0 |
| VARIABLE |] | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | • |
| CALM | ,,,,,,, | ////// | ////// | /////// | /////// | ,,,,,,, | ////// | ,,,,,,, | /////// | /////// | ,,,,,,, | 58.4 | ///// | ////// |
| TOTALS | 27.2 | 9.3 | 3.9 | .6 | .2 | .2 | | | | | | 100.0 | 1.9 | 3.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: DEC HOURS: 09-11

| | | LS | T TO UI | :C: + 8 | | | | | MONTE | i: DRC | HOUR | 8: 09-11 | Ŀ | |
|------------------------|--------|--------|---------|---------|-------------|---------------|--------|---------------|---------------|---------------|---------------|----------|--------------|----------------|
| ••••• | ••••• | | ••••• | ••••• | WIND 8 | PEED IN | KNOTS | ••••• | | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• |
| Direction (Degrees) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | wind Mean | MEDIAN WIND |
| (N) 350-010 | 1.9 | 1.1 | 1.6 | 1.0 | .1 | .1 | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | 5.8 | 9.0 | 9.0 |
| 020-040 | 1.9 | 2.2 | 1.8 | .8 | .2 | | | | | | | 6.9 | 8.2 | 7.5 |
| 050-070 | 2.5 | 3.9 | .8 | .1 | | | | | | | | 7.2 | 6.0 | 6.0 |
| (E) 080-100 | 1.7 | .8 | .1 | | | | | | | | | 2.6 | 3.9 | 4.0 |
| 110-130 | 1.0 | .1 | .3 | | | | | | | | | 1.4 | 4.5 | 3.0 |
| 140-160 | 1.6 | .2 | .1 | | | | | | | | | 1.9 | 3.1 | 2.0 |
| (8) 170-190 | 3.5 | .2 | .4 | | .1 | .1 | .1 | | | | | 4.5 | 5.1 | 2.0 |
| 200-220 | 5.8 | .3 | .2 | | | | | | | | | 6.3 | 2.4 | 2.0 |
| 230-250 | 2.2 | .5 | .2 | | | | | | | | | 2.9 | 3.5 | 2.0 |
| (W) 260-280 | 1.9 | .3 | .3 | .2 | .3 | | | | | | | 3.1 | 6.3 | 3.0 |
| 290-310 | 1.1 | .5 | .5 | .6 | .3 | | .1 | | | | | 3.2 | 10.7 | 10.0 |
| 320-340 | 1.4 | .8 | .4 | .1 | | | | | | | | 2.7 | 5.7 | 4.0 |
| VARIABLE | | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | | • • • • • • | ••••• |
| CAUM | ////// | ////// | ////// | ////// | ////// | /////// | ////// | ////// | /////// | ////// | /////// | 51.4 | ///// | ////// |
| TOTALS | 26.5 | 10.9 | 6.7 | 2.8 | 1.0 | .2 | .2 | | | | | 100.0 | 2.9 | 4.0 |
| | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATION:

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: DEC HOURS: 12-14

| | | | | | WIND 8 | PEED IN | KNOTS | | | | | | | , |
|------------------------|---------|--------|--------|--------|--------|---------|--------|---------------|--------|--------|-----------------|-------------|-------------|----------------|
| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL \$ | MEAN | MIND WEDIAN |
| (N) 350-010 | 1.6 | 1.0 | 1.8 | 1.1 | .3 | -1 | ••••• | • • • • • • • | ••••• | | • • • • • • • | 5.9 | 10.3 | 10.0 |
| 020-040 | 2.7 | 4.9 | 3.4 | .6 | .4 | | | | | | | 12.2 | 8.5 | 8.0 |
| 050-070 | 4.5 | 7.3 | .9 | .1 | | | | | | | | 12.8 | 5.8 | 6.0 |
| (E) 080-100 | 4.5 | 1.8 | | | | | | | | | | 6.3 | 3.9 | 4.0 |
| 110-130 | 2.0 | .5 | .3 | | | | | | | | | 2.9 | 4.0 | 3.0 |
| 140-160 | 1.1 | .2 | .2 | .1 | .1 | .1 | | | | | | 1.8 | 7.3 | 2.0 |
| (8) 170-190 | 4.3 | .8 | | | | | | | | | | 5.1 | 3.0 | 2.0 |
| 200-220 | 3.9 | .1 | .3 | | .1 | .1 | | | | | | 4.5 | 4.1 | 2.0 |
| 230-250 | 1.7 | .2 | .1 | | | | | | | | | 2.0 | 3.2 | 2.0 |
| (W) 260-280 | 1.8 | .2 | .6 | .4 | .1 | | | | | | | 3.2 | 7.1 | 4.0 |
| 290-310 | 2.0 | .3 | .8 | .5 | .8 | .2 | | | | | | 4.6 | 10.2 | 9.0 |
| 320-340 | 1.2 | .8 | .4 | .1 | .1 | | | | | | | 2.6 | 6.9 | 5.5 |
| VARIABLE | ! | ••••• | ***** | ***** | ••••• | ••••• | ••••• | | ••••• | ••••• | • • • • • • • • | ••••• | • • • • • • | ••••• |
| CALM | /////// | ////// | ,,,,,, | ////// | ////// | /////// | ////// | ,,,,,, | ////// | ////// | ,,,,,,, | 36.0 | ///// | ////// |
| TOTALS | 31.3 | 18.1 | 8.8 | 2.9 | 1.9 | .5 | | | | | | 100.0 | 4.2 | 5.0 |

OPERATING LOCATION 'A'

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED

USAPETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERTOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTE: DEC HOURS: 15-17 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN * WIND WIND (DEGREES) (N) 350-010 1.4 5.3 7.9 1.6 1.6 .4 .2 020-040 4.6 7.4 2.4 .6 .1 .1 15.3 6.7 6.0 050-070 8.1 7.1 .8 15.9 4.8 4.0 (E) 080-100 4.6 5.5 3.0 .9 3.1 .3 .1 110-130 1.8 .3 2.6 5.0 4.0 140-160 1.6 .3 .2 .2 2.5 2.0 .1 (8) 170-190 2.2 .6 .3 .1 3.2 4.5 2.0 .2 200-220 2.6 .3 .2 .1 3.4 5.3 2.0 230-250 1.4 -1 1.7 5.2 2.0 .1 .1 (W) 260-280 2.5 .6 .2 3.7 3.0 .3 290-310 2.2 .8 .9 .5 4.7 8.1 5.0 .2 320-340 1.0 -2 .1 1.5 5.6 3.5 VARIABLE CALM TOTALS 100.0 3.7 4.0 34.2 20.2 6.9 2.4 .9 .3 .1

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: DEC BOURS: 18-20

| | | LS | T TO UI | C: + 8 | | | | | MORTE | : DBC | BOUR | B: 18-20 | 3 | |
|------------------------|-------------------|--------|---------|---------------|--------|---------------|-------------|---------------|---------------|-------------|---------------|---------------|--------------|----------------|
| ********** | • • • • • • • • • | ••••• | ••••• | | WIND 8 | SPEED IN | KNOTS | | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• |
| DIRECTION (DEGREES) | 1-4 | 5~9 | 10-14 | 15-19 | | 25-29 | | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | Mean Wind | MEDIAN WIND |
| (N) 350-010 | 16.0 | 1.6 | 1.0 | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | 18.6 | 3.2 | 2.0 |
| 020-040 | 12.3 | 3.3 | .9 | .6 | .1 | | | | | | | 17.2 | 4.4 | 4.0 |
| 050-070 | 6.6 | 4.4 | .8 | | | | | | | | | 11.7 | 4.6 | 4.0 |
| (E) 080-100 | 2.4 | 1.2 | | | | | | | | | | 3.5 | 3.8 | 4.0 |
| 110-130 | .9 | | | | | | | | | | | .9 | 2.0 | 2.0 |
| 140-160 | .2 | | .5 | .4 | .3 | | | | | | | 1.5 | 13.8 | 14.0 |
| (8) 170-190 | .4 | .5 | .6 | .4 | | | | | | | | 2.0 | 9.4 | 10.0 |
| 200-220 | 1.2 | .1 | .2 | .1 | .2 | | | | | | | 1.8 | 6.6 | 2.0 |
| 230-250 | .9 | .2 | .2 | | | .1 | | | | | | 1.4 | 6.0 | 3.0 |
| (W) 260-280 | 1.0 | .3 | .1 | | | | | | | | | 1.4 | 4.4 | 4.0 |
| 290 –310 | 1.1 | .8 | | .5 | .3 | | | | | | | 2.7 | 8.7 | 7.0 |
| 320-340 | 3.3 | .5 | .3 | .1 | .1 | | | | | | | 4.4 | 4.6 | 3.0 |
| VARIABLE | | ••••• | •••••• | • • • • • • • | ••••• | · • • • • • • | • • • • • • | | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| CALM | ,,,,,,, | ////// | /////// | ,,,,,, | ////// | ,,,,,, | ////// | (////// | /////// | /////// | ,,,,,,, | 32.8 | ///// | ////// |
| TOTALS | 46.3 | 12.9 | 4.6 | 2.1 | 1.0 | .1 | | | | | | 100.0 | 3.2 | 3.0 |
| | | | TC | TAL NUM | BER OF | OBSERV? | TIONS | 930 | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NAME: NELLIS AFB/LAS VEGAS NV STATION NUMBER: 723865

PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: DEC HOURS: 21-23

| | | | | | | | | | | | | | • | |
|---------------------|---------------|--------|-------------|--------|-------|------------------|---------|---------|-------------|---------|----------|-------|--------------|--------|
| DIRECTION (DECREES) | 1-4 | 5-9 | 10-14 | 15-19 | | PRED IN 25-29 | | 35-39 | 40-49 | 50-64 | GB 65 | TOTAL | MRAN WIND | MEDIA |
| r) 350-010 | 8.1 | 1.0 | 1.1 | 4 | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | ••••• | 10.5 | 4.3 | 2.0 |
| 020-040 | 7.7 | 3.0 | 1.9 | .6 | .1 | | | | | | | 13.4 | 5.4 | 4.0 |
| 050-070 | 4.6 | 4.4 | .9 | | | | | | | | | 9.9 | 5.2 | 5.0 |
| r) 0 8 0–100 | 1.9 | .5 | | .1 | | | | | | | | 2.6 | 4.0 | 4.0 |
| 110-130 | .5 | .1 | .1 | | | | | | | | | .8 | 4.1 | 4.0 |
| 140-160 | .4 | | .3 | .3 | .1 | | | | | | | 1.2 | 9.7 | 10.0 |
| 3) 170-190 | .9 | .3 | 1.2 | 1.0 | .2 | | | | | | | 3.5 | 10.7 | 12.0 |
| 200-220 | 1.1 | .1 | .1 | .3 | .3 | | .1 | | | | | 2.0 | 9.9 | 3.0 |
| 230-250 | 1.2 | -1 | .2 | | | | | | | | | 1.5 | 3.9 | 2.0 |
| r) 260-2 8 0 | 1.0 | .2 | .2 | .1 | | | | | | | | 1.5 | 5.1 | 2.5 |
| 290-310 | 2.3 | .5 | .5 | .2 | .1 | | | | | | | 3.7 | 5.6 | 2.5 |
| 320-340 | 2.9 | | .3 | .3 | | | | | | | | 3.5 | 3.8 | 2.0 |
| VARIABLE | ****** | | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | | | ••••• | ••••• | | ••••• |
| CALM | <i> </i> | '///// | ,,,,,,, | ////// | | ,,,,,,, | ,,,,,,, | '////// | ,,,,,,, | /////// | ,,,,,,,, | 45.8 | ///// | '///// |
| TOTALS | 32.6 | 10.2 | 6.8 | 3.3 | .8 | | .1 | | | | | 100.0 | 3.0 | 4.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFF/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: DEC HOURS: ALL

| | | 140 | x 10 U1 | C: 7 6 | | | | MONTE | i DEC | BOOK | o: Whi | | | |
|-------------|----------|-------------|-------------|-------------|--------|---------|---------|---------------|---------|---------------|---------|---------------|-------------|---------------|
| | | | ••••• | | WIND 8 | PEED IN | KNOTS | | | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DEGREES) | l | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | * | WIND | WIND |
| (N) 350-010 | 5.5 | 1.3 | 1.2 | .4 | .1 | .0 | ••••• | ••••• | ••••• | • • • • • • • | ••••• | 8.5 | 5.3 | 3.0 |
| 020-040 | 5.7 | 3.3 | 1.6 | .5 | .1 | .0 | | | | | | 11.3 | 5.9 | 4.0 |
| 050-070 | 4.9 | 4.5 | .8 | .0 | | | | | | | | 10.2 | 5.1 | 5.0 |
| (E) 080-100 | 2.5 | .8 | .1 | .0 | | | | | | | | 3.4 | 3.7 | 3.0 |
| 110-130 | 1.2 | .2 | .2 | .0 | | | | | | | | 1.6 | 4.1 | 3.0 |
| 140-160 | .9 | .1 | .3 | .2 | .1 | .0 | | | | | | 1.7 | 7.5 | 3.0 |
| (8) 170-190 | 2.0 | .5 | .6 | .3 | .1 | .0 | .0 | | | | | 3.4 | 6.4 | 4.0 |
| 200-220 | 2.3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | 3.0 | 4.7 | 2.0 |
| 230-250 | 1.4 | .2 | .1 | .0 | .0 | .0 | .0 | | | | | 1.8 | 4.2 | 2.0 |
| (W) 260-280 | 1.7 | .3 | .3 | .1 | .1 | | | | | | | 2.5 | 5.1 | 3.0 |
| 290-310 | 2.1 | .7 | .5 | .5 | .3 | -0 | .0 | | | | | 4.0 | 7.5 | 4.0 |
| 320-340 | 2.4 | .6 | .3 | .2 | .0 | | | | | | | 3.6 | 4.9 | 3.0 |
| VARIABLE | ! | • • • • • • | | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| | ĺ | | | | | | | | | | | | | |
| CALM | //////// | ////// | ////// | ////// | ////// | /////// | ////// | /////// | /////// | ////// | '////// | 44.9 | ///// | ///// |
| TOTALS | 32.6 | 12.7 | 6.2 | 2.3 | .9 | | | | | | | 100.0 | 3.0 | 4.0 |
| | | | T CO | TAT. MIN | 970 CE | ODGEDUA | TO COME | 7440 | | | | | | |

OPERATING LOCATION "A" PERCENTAGE PREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETIC. ASSEVILLE NO PROM HOURLY OBSERVATIONS STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: DEC BOURS: ALL CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FRET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. WIND SPEED IN KNOTS DIRECTION | 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN •••••••••••• (DEGREES) * WIND WIND (N) 350-010 020-040 7.9 7.9 2.6 5.9 18.4 5.0 050-070 13.2 7.9 2.6 23.7 4.9 4.0 (E) 080-100 5.3 5.3 2.5 2.5 110-130 140-160 2.6 2.6 2.6 7.9 17.3 24.0 (8) 170-190 2.6 2.6 28.0 25.0 200-220 2.6 2.6 5.3 26.0 24.5 230-250 (W) 260-280 290-310 320-340 2.6 VARIABLE CALM TOTALS 31.6 15.8 5.2 5.2 7.8 100.0 5.9 5.0 TOTAL NUMBER OF OBSERVATIONS 38

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: ALL BOURS: ALL

| | | 190 | 1 10 01 | + 6 | | | | | HUNTE | 11 71111 | HOUR | 2: WILL | | |
|-------------|---------|-------------|---------|---------------|---------|---------------|--------|----------|---------|---------------|--------|---------------|-------------|--------|
| ••••• | | | | | WIND 8 | PEED IN | KNOTS | | ••••• | ••••• | ••••• | • • • • • • • | | ••••• |
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | | 35-39 | | 50-64 | GE 65 | TOTAL | MEAN | MEDIAN |
| (DECREES) | 1 | | | | | | | | | | | * | WIND | MIND |
| (N) 350-010 | 4.2 | 1.1 | .8 | .2 | .1 | .0 | .0 | ••••• | ••••• | • • • • • • | ****** | 6.4 | 5.1 | 3.0 |
| 020-040 | 5.1 | 2.9 | 1.8 | .5 | .1 | .0 | .0 | | | | | 10.4 | 6.2 | 5.0 |
| 050-070 | 4.7 | 3.7 | .8 | .1 | .0 | | .0 | | | | | 9.2 | 5.0 | 4.0 |
| (R) 080-100 | 2.8 | 1.6 | .4 | .0 | .0 | | | | | | | 4.8 | 4.6 | 4.0 |
| 110-130 | 2.1 | 1.5 | .6 | .1 | .0 | .0 | .0 | | : | | | 4.3 | 5.6 | 5.0 |
| 140-160 | 2.1 | 1.6 | 1.0 | .3 | .1 | .0 | .0 | | , | | | 5.1 | 7.0 | 6.0 |
| (8) 170-190 | 3.2 | 3.2 | 2.8 | 1.1 | .4 | .1 | .0 | | ** | | | 10.8 | 8.5 | 8.0 |
| 200-220 | 3.5 | 2.1 | 1.8 | 1.0 | .5 | .1 | .0 | .0 | .0 | | | 9.1 | 8.4 | 6.0 |
| 230-250 | 1.8 | .8 | .5 | .2 | .1 | .0 | .0 | .0 | .0 | | | 3.5 | 6.4 | 4.0 |
| (W) 260-280 | 1.4 | .5 | .3 | .2 | .1 | .0 | .0 | .0 | | | | 2.4 | 6.1 | 4.0 |
| 290-310 | 1.6 | .5 | .5 | .4 | .2 | .1 | .0 | .0 | | | | 3.3 | 8.2 | 5.0 |
| 320-340 | 1.8 | .5 | .2 | .1 | .0 | .0 | | | | | | 2.6 | 4.5 | 3.0 |
| VARIABLE | : ! | • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| CALH | 1111111 | ////// | ////// | | /////// | | ////// | ,,,,,,,, | ,,,,,,, | ,,,,,,,, | | 28.1 | ,,,,,, | ///// |
| | | | | | | _ | | | | | | | | _ |
| TOTALS | 34.3 | 20.0 | 11.5 | 4.2 | 1.6 | .3 | | | 4 | | | 100.0 | 4.7 | 5.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

| *********** | | • • • • • • | ••••• | ••••• | | PEED IN | | | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• |
|-------------|---------------------------------------|-------------|---------|---------|--------|---------------|--------|----------|---------|---------|----------|-------|-------------|--------|
| DIRECTION | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-49 | 50-64 | GE 65 | TOTAL | MRAN | MEDIAN |
| (DECREES) | 1 | | | | | | | | | | | • | WIND | WIND |
| (N) 350-010 | .8 | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | .8 | 4.0 | 4.0 |
| 020-040 | 5.7 | 6.6 | 5.7 | | .8 | | .8 | | | | | 19.7 | 8.8 | 7.5 |
| 050-070 | 5.7 | 5.7 | 3.3 | | | | | | | | | 14.8 | 6.4 | 6.0 |
| (E) 080-100 | 2.5 | 1.6 | .8 | | | | | | | | | 4.9 | 6.3 | 6.0 |
| 110-130 | 1.6 | | | | | | | | | | | 1.6 | 4.0 | 4.0 |
| 140-160 | 2.5 | .8 | | | .8 | .8 | | | | | | 4.9 | 11.0 | 6.0 |
| (8) 170-190 | 3.3 | | .8 | | | 1.6 | | | | | | 5.7 | 10.9 | 4.0 |
| 200-220 | 3.3 | 2.5 | .8 | | 2.5 | 2.5 | 1.6 | | | | | 13.1 | 16.4 | 18.0 |
| 230-250 | .8 | .8 | | .8 | | 1.6 | | | .8 | | | 4.9 | 19.0 | 20.0 |
| (W) 260-280 | 1.6 | 2.5 | | | | .8 | | | | | | 4.9 | 9.0 | 7.0 |
| 290-310 | | | | | .8 | .8 | 1.6 | | | | | 3.3 | 28.3 | 25.0 |
| 320-340 | .8 | | | | | | | | | | | .8 | 2.0 | 2.0 |
| VARIABLE | · · · · · · · · · · · · · · · · · · · | • • • • • • | ••••• | ••••• | | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• |
| CALM | ,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,, | | ,,,,,,,, | | ,,,,,,,, | ,,,,,,, | ,,,,,,, | ,,,,,,,, | 20.5 | ,,,,,, | ,,,,,, |
| | | | | | | | | | | | .,,,,,, | | | |
| TOTALS | 28.6 | 20.5 | 11.4 | .8 | 4.9 | 8.1 | 4.0 | | .8 | | | 100.0 | 8.7 | 8.0 |
| | | | TC | TAL NU | BER OF | OBSERVA | TIONS: | 122 | | | | | | |

TOTAL NUMBER OF OBSERVATIONS: 122

| PPPPP | PPP | AXA | AAA | RRRR | RRRR | TITTTTTTT | DDDDDDD | DD |
|-------|------|-------|-------|------|-------|-----------|---------|-----|
| PPPPP | PPPP | λλλλ | λλλλ | RRRR | RRRRR | TITTTTTTT | DDDDDDD | DDD |
| PP | PP | λA | λλ | RR | RR | TT | DD | DD |
| PP | PP | λλ | λλ | RR | RR | TT | DD | DD |
| PPPPP | PPPP | λλ | λλ | RRRR | RRRRR | TT | DD | פס |
| PPPPP | PPP | AAAAA | AAAAA | RRRR | RRRR | TT | DD | DD |
| PP | | AAAAA | AAAAA | RR | RR | TT | DD | DD |
| PP | | λλ | AA | RR | RR | TT | DĐ | DD |
| PP | | λA | AA | RR | RR | TT | DDDDDDD | DDD |
| PP | | AA | AA. | RR | RR | TT | ממממממ | DDD |

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION

OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-
"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES

(METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE

TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL BOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(8), EITHER SEPARATELY OR IN ANY COMBINATION.

TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY).

TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS).

DETERMINE THE POF THAT MEETS OR EXCREDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

- NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."
- NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER TEAM 5000 FEET APPEAR IN THE 5000 FEET CLASS.
- CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
 FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER---PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE
OCCURRENCE PREQUENCY (POP) OF SKY COVER IN EIGHTES FOR SYNOPTIC STATIONS, BUT
AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURRED, OR TOTALLY
OBSCURRED FOR AIRMAYS STATIONS. FOR AIRMAYS STATIONS, THIS SUMMARY ALSO GIVES
POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE
SAME AS FOR PREVIOUS TABLE.

MOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

| NOTE | 2. | AIRWAYS | STATIC | ons th | HAT | HAVE | REPOR | FED | IN | SYMOPTIC | CODE | HAVE | HAD | THEIR |
|------|------|---------|---------|--------|------|------|--------|------|-----|----------|------|------|-----|-------|
| SY | NOP1 | TIC SKY | COVER 1 | WPOR | TS C | ONVE | RTED A | S PO | LLC | WS: | | | | |

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN HOURS: 00-02

| | | | | POI | TO UIC: | | | | | | MUNIU: | JAR | HOOKS: | 00-02 | | | |
|---|-----------|-------|---------------|---------------|---|---------------|-----------------|------|-----------------|-------------|-------------|-------|---------------|---------------|---------------|---------------|-------------|
| UNITARY TO COMPANY TO | | | | | | | | | | | | | | | | | |
| CEILING VISIBILITY IN STATUTS MILES | | | | | | | | | | | | _ | | | | | |
| IN | . | Œ | Œ | GB | GB | GE | GE | GE | GB | GE . | GE | GE | GE T (0 | GE | Œ | GE | GE |
| FEET | . ! | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ······································ | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| NO CE | IIL | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| | - 1 | | | | | | | | | | | | | | | | |
| GE 20 | | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 18 | | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| CE 16 | | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 14 | 1000 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| CE 12 | 2000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| | | | | | | | | | | | | | | | | | |
| CE 10 | 0000 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| CR 9 | 2000 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| CE 8 | 1000 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| CE 7 | 7000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| CE 6 | 5000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | | | | | | | | | | | | | | | | | |
| GE 5 | 6000 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| CE 4 | 1500 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 4 | 1000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 3 | 1500 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| CE 3 | 1000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | l | | | | | | | | | | | | | | | | |
| GE 2 | 2500 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GB 2 | 2000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| CE 1 | 1800 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| CE 1 | 1500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE 1 | 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | | | | | | | | | | | | | | | | |
| CB 1 | 1000 l | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 900 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| Œ | 800 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CER | 700 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 600 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | 22.00 | 22.0 | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 22.0 | 22.0 | ,,,, | | 22.2 | 22.2 | ,,,, | 33.3 | ,,,, | 33.5 | ,,,, |
| Œ | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 400 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | 300 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | *~ | 27.0 | 77. 0 | 33.0 | 33.0 | 33.0 | 37.0 | 77.7 | 77.7 | 37.7 | 77.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER | 000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | and l | 27.0 | 77.0 | 37.0 | 77.0 | 77.0 | 33.0 | 37.3 | 77.7 | 33.3 | 77.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| •••• | • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | | • • • • • • • • | • • • • • • | • • • • • • | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723665 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN HOURS: 03-05

| | | | | TOT | 10 010 | | | | | | HOW III : | OM | HOURS: | 03-03 | | | |
|-------|------|-------|---------------|---------------|---------------|---------------|---------------|-------------|---------|---------------|-----------|---------------|---------------|---------------|---------------|---------------|-------|
| CEILI | | | ••••• | • • • • • • • | ••••• | ••••• | | | | | | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• |
| | | _ | _ | _ | | | | | STATUTE | | | _ | | _ | | | |
| IN | . ! | Œ | GE | GE - | GE | Œ | GE | Œ | GE | GE . | GE | Œ | GE | GE (C | GE | GE | GE |
| PERT | ۱ ۱ | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | •••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| | | | | | | | | | | | | | | | | | |
| NO CE | :IF | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| | | | | | | | | | | | | | | | | | |
| CE 20 | | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 18 | | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GB 16 | | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 14 | | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 12 | 000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| | | | | | | | | | | | | | | | | | |
| CE 10 | 1000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 9 | 000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 8 | 1000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 7 | 000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 6 | 000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | ı | | | | | | | | | | | | | | | | |
| GE 5 | 000 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 4 | 500 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GB 4 | 000 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 3 | 500 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| CE 3 | 1000 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| | | | | | | | | | | | | | | | | | |
| GE 2 | 500 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| CE 2 | 2000 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1 | 800 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| CE 1 | 500 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| CE 1 | 200 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | | | | | | | | | | | | | | | | |
| GE 1 | 000 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 900 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 800 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 700 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 500 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 400 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 300 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | 2000 | | |
| CE | 000 | 99.2 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | 100.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN BOURS: 06-08

| | | | LST | TO UT | :: + 8 | | | | | MONTH: | JAN | HOURS: | 06-08 | | | |
|----------------|---------------------------------------|-----------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|
| CRILING | · · · · · · · · · · · · · · · · · · · | • • • • • • • • | | | | VISIBIL | ITY IN | STATUTE | MILES | • • • • • • | ••••• | | • • • • • • • | • • • • • • | ••••• | • • • • • • |
| IN | I CE | GE | GE | Œ | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE. |
| PRET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | • • • • • • • | | | | | | | | ••••• | | | | | | | |
| | 1 | | | | | | | | | | | | | | | |
| NO CEII | 74.9 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| CE 2000 | 0 82.5 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 1800 | | 83.1 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 1600 | 1 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 1400 | | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| CE 1200 | 0.00 | 90.1 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| | | | | | | | | | | | | | | | | |
| GE 1000 | 0 91.7 | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 900 | 0 91.9 | 92.0 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 800 | | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 700 | | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| CE 600 | 0 95.1 | 95.2 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| | | | | | | | | | | | | | | | | |
| CE 500 | | 96.1 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| CE 450 | | 96.5 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 400 | | 97.1 97.4 | 97.8 98.3 | 97.8 98.3 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 | 98.1 98.5 |
| GE 300 | | 97.4 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| WE 300 | ۳٬۰۰۶ | 37.3 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| CER 250 | 0 97.4 | 97.6 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| CE 200 | | 98.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| CE 180 | 0 98.2 | 98.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| CE 150 | 0 98.2 | 98.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 120 | 0 98.2 | 98.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | | | | | | | | | | | | | | | | |
| CE 100 | | 98.4 | 99.5 | 99.5 | 99. 7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| CE 90 | | 98.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | 99.9 | 99.9 | 99.9 |
| CE 80 | | 98.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 70 | | 98.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| CE 60 | 0 98.2 | 98.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | ا | | | | | 100 0 | | | | 100 0 | | 100.0 | | | | |
| GE 50 | | 98.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | | 100.0 | 100.0 | 100.0 |
| GE 40 | | 98.5 98.5 | 99.8 99.8 | 99.8 99.8 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| CE 20 | | 98.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 |
| CZR 10 | | 98.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 |
| A/ | ~ ~~ | 30.3 | 23.0 | JJ.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CZE 00 | 0 98.2 | 98.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | • • • • • • | | | | | | • • • • • • | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN BOURS: 09-11

| | | | POI | 10 010 | | | | | | MUNIO: | JAM | BUURO: | 03-11 | | | |
|----------------|--|---------------|---------------|---------------|---------------|-------------|-------------|-------|---------------|---------------|-------------|-------------|-------------|-------|---------------|-------------|
| | VISIBILITY IN STATUTE MILES IN GE GE GE GE GE GE GE GE GE GE GE GE GE | | | | | | | | | | | | | | | |
| | | | _ | _ | | | | | | | _ | | _ | | _ | |
| | | | | | | | - | | | | | | | | | |
| FEET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • |
| | | | | | | | | | | | | | | | | |
| NO CRIL | 73.7 | 73.8 | 73.9 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| | | | | | | | | | | | | | | | | |
| GE 20000 | 82.3 | 82.5 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 18000 | 83.2 | 83.4 | 83.5 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| GE 16000 | 84.1 | 84.3 | 84.4 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 14000 | 87.5 | 87.7 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 12000 | 89.2 | 89.5 | 89.6 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| | | | | | | | | | | | | | | | | |
| GE 10000 | 90.5 | 90.8 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 9000 | 91.2 | 91.4 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 8000 | 93.7 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 7000 | 94.3 | 94.5 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| CE 6000 | 94.7 | 94.9 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| | | | | | | | | | | | | | | | | |
| GR 5000 | 95.3 | 95.5 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 4500 | 95.7 | 95.9 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 4000 | 96.6 | 96.8 | 97.0 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GB 3500 | | 97.2 | 97.5 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 3000 | 97.7 | 98.0 | 98.4 | 98.5 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 45 3000 |] "" | 30.0 | 30.4 | 30.3 | 30.0 | 30.0 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| GE 2500 | 97.8 | 98.1 | 98.5 | 98.6 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 2000 | 98.2 | 98.5 | 98.9 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| CE 1800 | 98.2 | 98.5 | 98.9 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | 98.2 | 98.6 | | | | 99.4 | 99.5 | 99.5 | 99.5 | | | | | 99.8 | 99.5 | |
| | | | 99.1 | 99.2 | 99.7 | | | | | 99.8 | 99.8 | 99.8 | 99.8 | | | 99.8 |
| GE 1200 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | l | | | | | | | | | | | | | | | |
| GE 1000 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 106.0 | 100.0 |
| GE 800 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GB 500 | | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 |
| GE 400 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 300 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 100 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GE 000 | 98.3 | 98.7 | 99.2 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | • • • • • • | • • • • • • • | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN HOURS: 12-14

| | | | | TOT | TO OIC | | | | | | HOWID: | UAR | HOURS: | 12-14 | | | |
|--------------|-------|-------|---------------|---------------|---------------|---|-----------------|-------------|---------------|---------------|---------------|-------|---------------|-------------|---------------|---------------|-------|
| CEILI | | ••••• | • • • • • • • | • • • • • • • | • • • • • • | • | | | | MITTE | • • • • • • • | | • • • • • • • | ••••• | ••••• | ••••• | ••••• |
| | ··· | - | _ | _ | _ | | VISIBILI | | | | _ | | | | _ | | _ |
| IM | . 1 | GE | Œ | GE | GE | GE | GE (| GE | GE | GE | Œ | GB | GE | GE | Œ | GE | GE |
| PEST | - 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | •••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | ••••• |
| | - 1 | | | | | | | | | | | | | | | | |
| NO CE | IL | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| | | | | | | | | | | | | | | | | | |
| CE 20 | 000 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| CE 18 | 000 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| CE 16 | 000 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 14 | 000 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 12 | 000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| | | | | | | | | | | | | | | | | | |
| CE 10 | 000 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 9 | 000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 8 | 000 l | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 7 | 000 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| CER 6 | 000 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| | | | | | | | | | | | | | 2011 | | 2011 | 2211 | |
| CER 5 | 000 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| | 500 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| | 000 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| | 500 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| | 000 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| - | اس | 30.3 | 30.0 | 30.7 | 30.0 | 30.0 | 30.0 | 30.3 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 |
| CE 2 | 500 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 000 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 600 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 500 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 200 | 96.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| - | 200 | 70.7 | 77.1 | 77.4 | 33.0 | 33.7 | 33.0 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 163.0 | 100.0 |
| GR 1 | ‱ l | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100 0 | | 100.0 | | | 100 0 | 100.0 | |
| | 900 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 800 | 98.9 | 99.1 | | 99.6 | 99.7 | 99.8 | | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 |
| | 700 | 98.9 | | 99.4 | | | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | 1 | | | | | | | | | | | | | | | | |
| | 500 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 400 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 300 | 96.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 96.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Æ | 900 | 96.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

TOTAL MUNGER OF CREENVACTIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN HOURS: 15-17

| | | | POI | 10 010 | | | | | | PARTIE: | UAL | DUURS: | 13-17 | | | |
|-----------------|---|---------------|---------------|---------------|---------------|---------------|---------------|-------|---------------|---------------|-------------|-------------|---------------|-------------|---------------|-------|
| | riling visibility in statute miles In que ge ge ge ge ge ge ge ge ge ge ge ge ge | | | | | | | | | | | | | | | |
| | ١ | _ | _ | | | | | | | | _ | | | | _ | |
| | | | | | | | | | | | | | | | | |
| PBBT | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| • • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | | • • • • • • • | | | • • • • • • • | • • • • • • | • • • • • • • | ••••• |
| | l | | | | | | | | | | | | | | | |
| NO CEIL | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| | | | | | | | | | | | | | | | | |
| GE 20000 | | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| GE 18000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| CE 16000 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 14000 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 12000 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| | | | | | | | | | | | | | | | | |
| GE 10000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 9000 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 8000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 7000 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 6000 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| | | | | | | | | | | | | | | | | |
| GE 5000 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 4500 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 4000 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GB 3500 | | 96.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 3000 | | 96.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| | | 30.1 | 3000 | 3011 | 2011 | 2014 | 20.0 | 20 | 2011 | 5011 | 2011 | 30 | 30.4 | 2014 | 3011 | 20.4 |
| GE 2500 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 2000 | | 99.1 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1800 | | 99.1 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1500 | | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1200 | | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | ,,,,, | 22.5 | 33.3 | 3313 | ,,,,, | 100.0 | 200.0 | 100.0 | 200.0 | | 200.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 98.7 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 600 | | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| | 30.7 | 33.4 | 33.3 | 77.7 | 33.3 | 99.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.7 | 99.4 | 99.5 | 99.5 | 99.5 | ~~ ~ | 100.0 | 100 0 | 100 0 | 100.0 | 100 0 | 100 0 | 100.0 | 100 0 | 100 0 | 100 0 |
| GE 400 | | 99.4 | 99.5 99.5 | 99.5 99.5 | 99.5 | 99.7 99.7 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | | 100.0 |
| | | | | | | | | | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 100 | 98.7 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | 400 - | *** | | | | | |
| GE 000 | 98.7 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • | ••••• |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: JAN EOURS: 18-20

| | | | | | 10 010 | | | | | | 100112111 | 4121 | moore. | 10-10 | | | |
|-----------|-------|-------------|------------------|-------------|---------------|-------------|---------------|-------------|-------------|---------------|-------------|---------------|---------------|-------|---------------|-------------|-------------|
| CBII | | | • • • • • • • | ••••• | • • • • • • • | •••••• | | | | MTT BO | • • • • • • | | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • |
| | | _ | | | _ | | | | STATUIE | | | | _ | | _ | | |
| I | | CE | Œ | GE | Œ | GB | Œ | GE | GE (T | GE | GB | GE | Œ | GE | GE | GE | Œ |
| FE | . I | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | ••••• | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • | |
| | | | | | | | | | | | | | | | | | |
| NO C | BIL | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| | | | | | | | | | | | | | | | | | |
| GE 2 | 10000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 1 | 8000 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| CE 1 | 6000 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| CE 1 | 4000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| CE 1 | 2000 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| | | | | | | | | | | | | | | | | | |
| CE 1 | 0000 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| Œ | 9000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| Œ | 8000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| Œ | 7000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| Œ | 6000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| _ | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| <u> </u> | 4500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| æ | 4000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| Œ | 3500 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| <u> </u> | 3000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| - | 3000 | 22.4 | 77.4 | 37.4 | 27.4 | 33.4 | 77.4 | 33.4 | 77.4 | 33.4 | 77.4 | 33.4 | 33.4 | 33.4 | 33. 4 | 33.4 | 77.4 |
| Œ | 2500 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Œ | 2000 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| <u> </u> | 1800 | 99.5 | 99.7 | | 99.7 | 99.7 | 99.7 | | | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | | |
| | | | | 99.7 | | | | 99.7 | 99.7 | | | | | | | 99.7 | 99.7 |
| Œ | 1500 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Œ | 1200 | 99.6 | 9 9.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Æ | 900 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| a | 800 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | 700 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 400 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1000 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWE: JAN HOURS: 21-23

| | | | | Par | TO UIC | : + 8 | | | | | MUNTH: | JAN | HOURS: | 21-23 | | | |
|------|------------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|---------|-------|--------|-------|---------------|--------------|--------------|--------------|--------------|
| CEIL | INC | ••••• | ••••• | • • • • • • • | | ••••• | VISTRIL | ITY IN | STATUTE | MILES | ••••• | | • • • • • • • | | ••••• | ••••• | ••••• |
| IN | | Œ | GE | GE. | GE | Œ | GE | GE. | GE | GB | GB | Œ | GE | GE | GE | Œ | GE |
| PES | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | ••••• | | | | | | • • • • • • • | | | | | | | | | | |
| | i | | | | | | | | | | | | | | | | |
| MO C | BIL | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| | 0000 | | | 05.3 | | 05.3 | | 05.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 05.3 | 05.3 | | |
| | 8000 | 85.3 86.2 | 85.3 86.2 | 85.3 86.2 | 85.3 86.2 | 85.3 86.2 | 85.3 86.2 | 85.3 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 85.3 | 85.3 86.2 | 85.3 86.2 | 85.3 86.2 | 85.3 86.2 |
| | 6000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| | 4000 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| | 2000 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| | | 33.2 | 33.2 | 33.2 | ,,,, | ,,,, | ,,,,, | ,,,, | | ,,,, | 33.1 | 3312 | ,,,, | ,,,, | ,,,, | ,,,, | <i></i> |
| CE 1 | 0000 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| CE | 9000 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE | 8000 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| CE | 7000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE | 6000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| | - 1 | | | | | | | | | | | | | | | | |
| | 5000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| | 4500 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| | 4000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| | 3500 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| Œ | 3000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| CE | 2500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 2000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 1800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 1500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | 1200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| GE | 800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| GE | 700 | 99.9 | 99.9 | .00.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| GE | 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | ~~ ~ | ~~ ~ | 100.0 | | *** | 400.0 | | | | 100.0 | 100.0 | 100.0 | 400.0 | | | |
| CE | 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | | | 100.0 | 100.0 | 100.0 |
| GE | 400 300 | 99.9 99.9 | 99.9 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| GE | 100 | 99.9 | 99.9 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | 100 | 25.3 | ,,,, | 200.0 | 100.0 | 400.0 | 100.0 | 100.0 | 100.0 | 200.0 | 200.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| •••• | | ••••• | ••••• | ••••• | | ••••• | | • • • • • • • | | ••••• | ••••• | | ••••• | ••••• | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN HOURS: ALL

| | | | 201 | 10 010 | | | | | | POWIE. | OPAN AR | MED. AL | -14 | | | |
|-----------------|-------|---------------|---------------|---------------|-------|---------------|-------------|-------|---------------|---------------|---------|---------|-------|-------------|---------------|-------------|
| | ••••• | ••••• | ••••• | ••••• | ••••• | | | | ****** | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • |
| CEILING | | | | _ | | VISIBIL | | | | | | | | | | |
| IN | GE | Œ | GE | GE | GE | Œ | GE | Œ | GB | GE | GB | GE | GE | Œ | GE | Œ |
| PEST | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | : | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• | | | • • • • • • | • • • • • • • | |
| | į. | | | | | | | | | | | | | | | |
| MO CEIL | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| | l | | | | | | | | | | | | | | | |
| CE 20000 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 18000 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| GE 16000 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GB 14000 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| CE 12000 | 91.5 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| | | | | | | | | •••• | | | | | | | | |
| GE 10000 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 9000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 8000 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| | 95.3 | | | | | | | | | | | | | | | |
| | 1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 6000 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| | | | | | | | | | | | | | | | | |
| CE 5000 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 4500 | 97.1 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 4000 | 97.5 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 3500 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 3000 | 98.5 | 98.6 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | 1 | | | | | | | | | | | | | | | |
| GE 2500 | 98.7 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| CER 2000 | 98.9 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1800 | 96.9 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1500 | 99.0 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1200 | 99.1 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 1 | | | | | | | | | | | | | | | |
| GE 1000 | 99.1 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE 900 | 99.1 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE 800 | 99.1 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 99.1 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 200.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.1 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| |] """ | 33.3 | 33.7 | 23.1 | 33.0 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.1 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100 0 | 100 0 | 100 0 | 100 0 | 100.0 |
| GE 400 | | 99.3 | 99.7 | 99.7 | 99.8 | | | | | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.1 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 100 | 99.1 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | l | | | | | | | | | | | | | | | |
| CE 000 | 99.1 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: FEB HOURS: 00-02 VISIBILITY IN STATUTE MILES CRTT.TM2 IN GR Œ ge ge ge GB Œ Œ Œ Œ GR FEET 7 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 0 5 4 6 3 2 1/2 2 75.8 GE 20000 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 87.5 CE 18000 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 CR 16000 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 GR 14000 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 92.8 92.8 92.8 92.8 92.8 **GE 12000** 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 GR 100001 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 **CR 9000** 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 96.1 **CE 8000** 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 GB 7000 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 CR 6000 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 GE 5000 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.2 98.2 **CE 4500** 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 GE 4000 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 **GE 3500** 98.8 98.8 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 CR 3000 99.1 99.3 99.3 99.1 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 GE 2500 99.3 99.4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 Ø2 2000 99.3 99.4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 Œ 1800 99.3 99.4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1500 99.4 GE 1200 99.4 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CR 1000 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 GE 900 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 CE 99.4 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 800 CR 700 99.4 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 CE 500 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE 400 99.4 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 300 99.4 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 100.0 10 Œ 200 99.4 CE 100 99.4 000 99.4 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: FEB HOURS: 03-05

| | | | | 101 | 10 010 | | | | | | ******* | | | JJ UJ | | | |
|----------|-------|-------|---------------|---------------|---------------|---------------|-----------------|-------------|---------------|---------------|-------------|---------------|---------------|---------------|---------------|---------------|-------------|
| | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | •••••• | • • • • • • • • | | | ······ | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • |
| CBII | | | _ | | | | VISIBILI | | | | | | _ | | | | _ |
| I | | GE | Œ | GE | GE | GE | GB. | GE | GE (C | GE | Œ | GE | GE - (c | GE | Œ | GB | Œ |
| PE | 7 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | •••• | | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • |
| | • | | | | | | | | | | | | | | | | |
| MO C | EIL | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.5 | 74.5 |
| | | | | | | | | | | | | | | | | | |
| GE 2 | 0000 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 |
| Œ 1 | 8000 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.5 | 85.5 |
| Œ 1 | 6000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 |
| GE 1 | 4000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 |
| Œ 1 | 2000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 |
| | | | | | | | | | | | | | | | | | |
| CE 1 | .0000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 |
| Œ | 9000 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 |
| Œ | 8000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 |
| Œ | 7000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 |
| CER | 6000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 |
| Œ | 4500 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 |
| <u> </u> | 4000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| <u> </u> | 3500 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| Œ | 3000 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 |
| 45 | 3000 | 33.3 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 |
| Œ | 2500 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 2000 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CER. | 1800 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 1500 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE CE | 1200 | | 99.8 | 99.9 | 99.9 | | | | | 99.9 | 99.9 | 99.9 | 99.9 | | | | 100.0 |
| us. | 1200 | 99.6 | 99.0 | 39.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 33.3 | 99.9 | 39.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| _ | | ~~ ~ | 00.0 | ~~ ~ | ~~ ~ | ~ ~ | | | | 00.0 | 99.9 | ~~ ~ | 00.0 | ~~ ~ | ~~ ~ | 100 0 | 100 0 |
| Œ | 1000 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 900 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| æ | 800 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 700 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 600 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 400 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 300 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 200 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 100 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: FEB HOURS: 06-08

| | | | | | 10 010 | | | | | | | 1 00 | Boore. | 00-00 | | | |
|---------|---|--------|-------------|---------------|--------------|---------------|-------|-------|-------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------|
| • • • • | VISIBILITY IN STATUTE MILES IN GE GE GE GE GE GE GE GE GE GE GE GE GE | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| I | • | CER | CE | | CE | CE | GE | Œ | GE | GE | GE | Œ | | Œ | GE | GE | GE |
| FK | 7T | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | · • • • • • | | | | | | | | | | | | | | | | |
| | - 1 | | | | | | | | | | | | | | | | |
| NO C | BIL | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| | | | | | | | | | | | | | | | | | |
| OP 2 | 20000 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| | 18000 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| | 16000 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | | |
| | | | | | | | | | | 82.5 | | | | | | 82.5 | 82.5 |
| | 14000 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 1 | 12000 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 83.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| | | | | | | | | | | | | | | | | | |
| GE 1 | 10000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE | 9000 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| CE | 8000 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| Œ | 7000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GR | 6000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| | | | | | | | | | | | | | | | | | |
| GE | 5000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| | 4500 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| | | | | | | | | | | | | | | | | | |
| | 4000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| | 3500 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE | 3000 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | | | | | | | | | | | | | | | | | |
| GE | 2500 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 2000 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1800 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1500 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1200 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GR | 1000 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 900 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 800 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | | | | | | | | | | |
| GE | | | | | | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 700 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 500 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 400 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 300 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | - | | | | | | 3 | | | 2000 | | | |
| Œ | 000 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | -44.4 | | | _00.0 | 200.0 | _00.0 | | -00.0 | | -00.0 |
| •••• | • • • • • | ****** | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: FEB HOURS: 09-11

| | | | | LST | TO UTC | : + 8 | | | | | MONTH: | PKB | HOURS: | 09-11 | | | |
|------------------|------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|---------------|---------------|--------------|--------------|--------------|
| CEILIN | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | VISIBILI | TY IN | STATUTE | MILES | • • • • • • • | | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• |
| IN | Ĩ | CE | Œ | GE | Œ | GB | GE | GE | GE | GE | GE | GE | Œ | GE | Œ | GE | Œ |
| FEET | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | ••• | | • • • • • • • | | | | | | | • • • • • • • | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| NO CEI | r | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| an 200 | _ | 78.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.0 | 78.8 | 78.8 | 78.8 | 78.8 | 70.0 | 70.0 | 70.0 | 70.0 |
| GE 200 GE 180 | | 81.6 | 78.7 81.6 | 78.7 81.6 | 78.7 81.6 | 78.7 81.6 | 78.7 81.6 | 78.7 81.6 | 78.8 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 78.8 81.7 | 78.8 81.7 | 78.8 81.7 | 78.8 81.7 |
| GE 160 | | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 140 | | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| GE 120 | | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| | | | | | | | | | | | | | | | | | |
| GE 100 | 00 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 90 | 00 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 80 | 00 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 70 | 00 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 60 | 00 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| | | | | | | | | | | | | | | | | | |
| | | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 37.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| | | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| | | 97.4 97.9 | 97.4 97.9 | 97.5 98.0 | 97.5 98.0 | 97.5 98.1 | 97.5 98.1 | 97.5 | 97.6 | 97.6 98.2 | 97.6 98.2 | 97.6 98.2 | 97.6 98.2 | 97.6 98.2 | 97.6 98.2 | 97.6 | 97.6 |
| | 000 | 98.7 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 98.1 99.1 | 98.2 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 98.2 99.2 | 98.2 99.2 |
| WE 30 | ~ | 30.7 | 30.0 | 30.3 | 30.3 | 33.1 | 33.1 | 99.1 | 99.2 | 77.2 | 77.4 | 77.2 | 33.2 | 33.2 | 33.2 | 33.4 | 99.2 |
| GE 25 | 00 | 98.8 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | 00 | 98.9 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 39.8 | 99.8 |
| | | 98.9 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE 15 | 00 | 98.9 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE 12 | :00 | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| CAR 6 | 00 | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| QR 5 | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | - | - | | | | | | | _ | | | | - | . | |
| CEE 0 | 00 | 98.9 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | •••• | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: FEB HOURS: 12-14

| ··· | LING | ••••• | ••••• | • • • • • • | • • • • • • | | Visibili | | | MTT PO | ••••• | • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | ••••• |
|-------|-------|-------|-------|-------------|---------------|------|-----------------|-------|-------|--------------|-------|---------------|-------------|---------------|-------------|---------------|-------|
| | N I | Œ | GE | Œ | GE | GB | GE | GE . | GE | CE LTIPES | GE | Œ | GE | Œ | GE | GE | GE |
| | ET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | · | , | • | _ | 2 1/2 | - | | 1 1/4 | • | 3/4 | 370 | 1/2 | 3/0 | 1/4 | U |
| ••• | ï | ••••• | ••••• | | • • • • • • • | | • • • • • • • • | ••••• | | ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | ••••• |
| NO | CEIL | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 |
| GR | 20000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.6 | 79.6 | 79.7 | 79.7 |
| | 18000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.6 | 81.6 | 81.7 | 81.7 |
| | 16000 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 |
| CE | 14000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.8 | 86.8 |
| | 12000 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 |
| | | | | | | | | | | | | | | | | | |
| GE | 10000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 |
| GE | 9000 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 |
| GB | 8000 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 |
| GB | 7000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 |
| GE | 6000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 |
| Œ | 4500 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.2 | 97.2 |
| Œ | 4000 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 |
| CE | 3500 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 |
| Œ | 3000 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 |
| | | | | | | | | | | | | | | | | | |
| GE | 2500 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 |
| GE | 2000 | 98.8 | 98.8 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE | 1800 | 98.8 | 98.8 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE | 1500 | 98.8 | 98.8 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 |
| CE | 1200 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 1000 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE | 900 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE | 800 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | 700 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | 600 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 500 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | 400 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | 300 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | 200 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | 100 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | | |
| GE | 000 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| • • • | | | | | • • • • • • | | | ••••• | | | | • • • • • • • | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: FEB HOURS: 15-17

| | | | | LST | TO UTC | : + 8 | | | | | MONTH: | FEB | HOURS: | 15-17 | | | |
|------------------|--------------|--------------|---------------|-------------|---------------|--------------|--------------|--------|----------------|-------|----------------|-------|-------------|-------|---------------|-------|----------------|
| CEILIN | | ••••• | • • • • • • • | • • • • • • | • • • • • • • | | VISIBIL | ITY IN | STATUTE | MILES | | ••••• | • • • • • • | | • • • • • • • | ••••• | ••••• |
| IN | Ĭ | GE | Œ | GE | GB | GE | GE | GE | GE | GE | Œ | GE | Œ | GE | Œ | GE | Œ |
| FEET | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | | •••• | | | | | | | | | | | | | | | • • • • • • |
| | | | | | | | | | | | | | | | | | |
| EO CEI | r ' | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| | ـ اـــ | | | | | | | | | | | | | | | | |
| CE 200 | | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 180 | | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 160 | | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 140 GE 120 | | 86.2 89.5 | 86.2 89.5 | 86.3 | 86.3 | 86.3 89.6 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GB 120 | ۳I | 69.3 | 99.3 | 89.6 | 89.6 | 69.0 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 100 | <u>.</u> | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GB 90 | | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| CE 80 | | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 70 | | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| CZE 60 | | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| | ~ | | | | 2000 | | 2010 | | | -4 | 2012 | 2002 | | | | | |
| GE 50 | 00 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GB 45 | 00 · | 96.8 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GB 40 | 00 | 97.5 | 97.5 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 35 | 00 · | 97.5 | 97.5 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| CE 30 | ∞ ∙ | 90.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| | - 1 | | | | | | | | | | | | | | | | |
| GE 25 | | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GB 20 | | 98.5 | 98.5 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE 18 | | 98.8 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| QE 15 | | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CB 12 | 00 | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ~ 10 | | 98.9 | | 99.9 | 00.0 | ~~ ~ | 00.0 | 100 0 | 100 0 | 100 0 | 100 0 | 100 0 | 100 0 | 100.0 | 100 0 | 100 0 | 100 0 |
| | | 98.9 98.9 | 98.9 98.9 | 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 100.0 | 100.0 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 |
| | | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | ~ | 30.3 | 30. 3 | 33.3 | 33.3 | 33.3 | 23.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CEE 5 | l | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 96.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| _ | | | | | • | _ | · - | _ | | | | | | | - | | |
| CE 0 | 00 | 98.9 | 98.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | •••• | | | | | | | | | ••••• | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: FEB BOURS: 18-20

| | | | | LST | TO UTC | . + 8 | | | | | HUNTH: | FEB | HOURS: | 18-20 | | | |
|------|-------|------|------|---------------|--------|-------|---------|--------|---------|--------|--------|-------|---------------|-------|-------|---------------|-------|
| CRI | Ling | | | • • • • • • • | ••••• | ••••• | VISTRIL | ······ | STATUTE | MTT.PR | ••••• | ••••• | • • • • • • • | | ••••• | • • • • • • • | ••••• |
| I | | CE | GE | Œ | GE | CE | GE | CZE | CE | GE | GE | Œ | GE | GE | GE | CE | GE |
| PE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | , | | | | | | | - | | | - | •••• | • • • • • • | | •••• | • • • • • • • | |
| | | | | | | | | | | | | | | | | | |
| NO (| CEIL | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ar : | 20000 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| | 18000 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| | 16000 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| CE : | 14000 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| GE : | 12000 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| | ı | | | | | | | | | | | | | | | | |
| GB : | 10000 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| CE | 9000 | 92.1 | 92.1 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE | 8000 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| CE | 7000 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| CE | 6000 | 96.1 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| | . [| | | | | | | | | | | | | | | | |
| GE | 5000 | 96.6 | 96.6 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| CE | 4500 | 97.5 | 97.5 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| CE | 4000 | 98.6 | 98.6 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| CE | 3500 | 98.7 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| CE | 3000 | 98.8 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| CE | 2500 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| CE | 2000 | 99.2 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 1800 | 99.2 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 1500 | 99.2 | 99.2 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 1200 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 800 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 700 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 600 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 500 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 400 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 300 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 000 | 99.2 | 99.3 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CRILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: FEB BOURS: 21-23

| ••• | | | | | | ••••• | • • • • • • • | | • • • • • • | • • • • • • | • • • • • • | | | | • • • • • • | | • • • • • • |
|----------|-------|-------------|---------------|-------|---------------|-------|---------------|-------|-------------|---------------|---------------|-------|---------------|-------|---------------|-------|-------------|
| | Ling | i | | | | | | | STATUTE | | | | | | | | _ |
| _ | m_ | GE | Œ | GE | Œ | GE | GB . | GE | GB. | GE | GE | GE | GB | GE | GE | GE | Œ |
| F | et | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | ••••• | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | | • • • • • • • | | • • • • • • • | ••••• | ••••• |
| МО | CEIL | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| Œ | 20000 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| Œ | 18000 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| Œ | 16000 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| Œ | 14000 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| Œ | 12000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| | | | | | | | | | | | | | | | | | |
| Œ | 10000 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| Œ | 9000 | 93.6 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| Œ | 8000 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| Œ | 7000 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| Œ | 6000 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| æ | 4500 | 97.5 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| Œ | 4000 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| Œ | 3500 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| Œ | 3000 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| Œ | 2500 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| æ | 2000 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| <u> </u> | 1800 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| <u>~</u> | 1500 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| <u> </u> | 1200 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | 2000 | 2200 | ,,,, | 200.0 | 20000 | 20000 | | 200.0 | 20000 | 20010 | | 20000 | 20010 | 20000 | | | 200.0 |
| Œ | 1000 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE. | 300 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••• | | • • • • • • | | | • • • • • • | | • • • • • • • | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: FRB HOURS: ALL CRILING VISIBILITY IN STATUTE MILES IN Œ Œ GE GE GR GB GR Œ GR æ GR CR 3 2 1/2 2 PEET 7 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 6 4 5 1/4 0 70.3 70.3 70.3 70.3 70.3 70.4 NO CRIL 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 GE 20000 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 **GE 18000** 83.3 83.3 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.5 83.5 CR 16000 84.8 84.8 84.8 84.8 84.8 84.8 84.8 84.6 84.8 84.8 84.8 84.8 84.9 84.9 84.9 84.9 GR 14000 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.1 88.1 88.1 88.1 88.1 88.1 88.1 88.1 88 - 1 90.1 **CE 12000** 90.1 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.3 90.3 GR 10000 91.9 91.9 91.9 91.9 91.9 91.9 91.9 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.6 GE 9000 92.4 92.5 92.5 92.5 92.5 92.5 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 **GE 8000** 94.8 94.8 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 95.0 95.0 CR 7000 95.3 95.3 95.3 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.5 95.5 96.3 Œ 6000 96.1 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.3 CE 5000 97.1 97.1 97.2 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 CR 4500 97.5 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.7 97.7 97.7 97.7 98.4 **GE 4000** 98.2 98.2 98.3 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.3 98.6 98.6 98.6 **GE 3500** 98.3 98.5 98.6 98. 98.6 98.6 98.6 98.6 98.6 98.6 98.7 98.7 GE 3000 98.8 98.8 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.2 99.2 99.2 99.2 99.5 GE 2500 99.1 99.1 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 GR 2000 99.1 99.2 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99 R 99.8 Œ 1800 99.2 99.3 99.6 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.2 GE 1500 99.3 99.7 99.8 99.6 99.8 99.8 99.9 99.9 9^.9 99.9 99.9 99.9 99.9 99.9 99.9 GE. 1200 99.3 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 1000 99.3 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **CR** 900 99.3 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.3 Œ 800 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 Œ 700 99.3 99.4 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 CE 600 99.3 99.4 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.3 99.4 Œ 500 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 400 99.3 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 300 99.3 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 CR. 200 99.3 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GR 000 99.3 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: MAR BOURS: 00-02

| ••• | | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | | ••••• | ••••• | | • • • • • • | • • • • • • | | ••••• | • • • • • • | | ••••• |
|-----------|----------|-----------------|----------------|----------|---------------|-------|-------|-------|---------------|---------------|-------------|-------------|-------------|-----------|---------------|-----------|-------------|
| | LING | | _ | | | | | | STATUTE | | _ | | _ | | | | |
| | X | GR 7 | GE 6 | CTR 5 | GE. | GE | GE | Œ | CE | GE 1/4 | Œ | GE 3/4 | GE 5/8 | GE 1/2 | Ø28 3∕8 | GB 1/4 | O. |
| FE | BT | , , | ъ | • | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 3/8 | 1/2 | 3/8 | 1/4 | U |
| ••• | •••• | : · · · · · · · | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • | | • • • • • • • | | • • • • • • |
| ю | CRIL | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| | | | | | | | | | | | | | | | | | |
| | 20000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| | 18000 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| | 16000 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| | 14000 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| Œ | 12000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| Œ | 10000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| Œ | 9000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| Œ | 8000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| Œ | 7000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| Œ | 6000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Œ | 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | • | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2500 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <u> </u> | | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| œ | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| œ | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| G | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | 1200 | 1.00.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE. | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | l | | | | | | | | | | | | | | | |
| Œ | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR HOURS: 03-05

| | | | | 1001 | 10 010 | | | | | | THAT I | 1844 | LOUID. | 03-03 | | | |
|-------|---------|---------------|-------|---------------|-------------|---------------|------------------|-------------|-------|---------------|---------------|---------------|--------|--------------|---------------|---------------|-------------|
| | | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | | | | MTTEG | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• | ••••• | • • • • • • |
| | LING | | | _ | | | VISIBIL: | | | | - | _ | | | | _ | |
| | | GE . | CE | Œ | CE | CE | GE | æ | GR | Œ | GE | GE . | GE | GE | GE | GE | GE |
| F | ET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| • • • | •••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | ••••• |
| | | ŀ | | | | | | | | | | | | | | | |
| MO | CEIL | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76. 9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| | | | | | | | | | | | | | | | | | |
| GE | 20000 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE | 18000 | 84.8 | 84.8 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| Œ | 16000 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| Œ | 14000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| CE | 12000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| | | | | | | | | | | | | | | | | | |
| CE | 10000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| CE | 9000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| CE | 8000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE | 7000 | | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| CE | 6000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| - | | ~~~ | ,,,, | ,,,, | 30.1 | 2012 | ,,,,, | 30.1 | 2002 | 2012 | ,,,, | 3012 | ,,,, | | 30.1 | ,,,, | 3012 |
| GE | 5000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE | 4500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE | 4000 | | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE | 3500 | • | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE | 3000 | 99.4 | | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | | 99.4 | 99.4 |
| QE. | 3000 | 77.4 | 99.4 | 77.4 | 77.4 | 39.4 | 33.4 | 33.4 | 33.4 | 33.4 | 77.4 | 33.4 | 77.4 | 77.4 | 99.4 | 77.4 | 39.4 |
| _ | 2500 | | 99.7 | 99.7 | 99.7 | 00.7 | 00.7 | 00.7 | 00.7 | 00.7 | 00.7 | 99.7 | 00.7 | 00.7 | 00.7 | 00.7 | 00.7 |
| GE | 2500 | 99.7 | | | | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | | 99.7 | 99.7 99.8 | 99.7 | 99.7 | 99.7 |
| GE | 2000 | | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | 99.8 | 99.8 | 99.8 |
| GE | 1800 | | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 1500 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | ŀ | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE. | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • | | | | | | • • • • • • • | | | | • • • • • • • | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAR BOURS: 06-08 VISIBILITY IN STATUTE MILES CRILING IN GR GR GE Œ CIR CE Œ GR CR GR CIR GR Œ GR GR 2 1/2 2 3 1 1/2 1 1/4 1 3/4 5/8 5 4 1/2 3/8 1/4 0 NO CEIL GE 20000 83.0 83.0 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.2 83.2 83.2 84.2 84.2 84.3 84.3 **CE** 18000 84.2 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.4 84.4 84.4 CE 16000 85.6 85.7 85.7 85.7 85.7 85.7 85.6 85.6 85.7 85.7 85.7 85.7 85.7 85.8 85.8 85.8 CER 14000 89.5 89.5 89.5 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.7 89.7 89.7 **CE 12000** 91.7 91.7 91.7 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.9 91.9 91.9 GE 10000 92.9 92.9 92.9 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.1 GE 9000 93.3 93.3 93.3 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.5 93.5 93.5 Œ 8000 96.0 96.0 96.0 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.2 96.2 96.2 7000 96.1 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.3 96.3 96.3 Œ 6000 96.8 96.9 96.9 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.1 97.1 97.1 Œ 5000 97.7 97.8 98.0 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.2 98.2 98.1 98.2 CER 4500 98.0 98.5 98.3 98.4 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.6 98.6 98.6 Œ 4000 98.0 98.3 98.4 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.6 98.6 98.6 3500 98.8 98.8 Œ 98.3 98.6 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.9 98.9 98.9 99.1 99.2 99.2 Œ 3000 98.6 98.9 99.0 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.2 **CER** 2500 99.0 99.4 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.7 CER 2000 99.0 99.4 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.7 Œ 1800 99.0 99.4 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.7 Œ 1500 99.0 99.5 99.6 99.7 99.7 99.7 99.4 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.8 Œ 1200 99.0 99.5 99.6 99.9 99.9 99.9 99.9 99.4 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 Œ 1000 99.0 99.4 99.5 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 Œ 900 99.0 99.4 99.5 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 Œ 800 99.0 99.4 99.5 99.6 99.9 99.9 99.9 100.0 100.0 100.0 99.9 99.9 99.9 99.9 99.9 99.9 œ 700 99.0 99.4 99.5 99.5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 Œ 600 99.0 99.4 99.5 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 Œ 500 99.0 99.4 99.5 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 99.9 Œ 99.6 400 99.0 99.4 99.5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 300 99.0 99.6 99.9 Œ 99.4 99.5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 Œ 200 99.0 99.4 99.5 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 99.0 99.4 99.5 99.6 99.9 99.9 100 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0

TOTAL MANDER OF OBSERVATIONS 929

000 99.0 99.4 99.5

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAR HOURS: 09-11 VISIBILITY IN STATUTE MILES CRILING GE GE Œ Œ GR IN CE FEET 7 İĦ Œ CK Œ CE Œ GR Œ GR CER. **GR** 3 2 1/2 2 6 4 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 0 5 1/4 MO CEIL 72.5 72.5 72.5 72.5 GE 20000 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2 **GE 18000** 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 87.5 87.5 CR 16000 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 GE 14000 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 GE 12000 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 **GE 10000** 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 GR 9000 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 GE 8000 95.9 95.9 96.0 96.0 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.7 GB 7000 96.3 96.3 96.6 96.6 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 GR 6000 97.1 97.1 97.3 97.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.7 GE 5000 97.7 98.1 98.1 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 F. 8P 98.3 98.3 GE 4500 97.7 98.0 98.3 98.3 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 CR 4000 98.2 98.4 98.7 98.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 GE 3500 98.4 98.6 98.9 98.9 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 GE 3000 98.4 98.6 98.9 98.9 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 CE 2500 98.5 98.7 99.0 99.0 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 GE 2000 98.6 98.8 99.1 99.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GE 1800 98.6 98.8 99.1 99.4 99.4 99.4 99.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GE 1500 98.6 98.8 99.1 99.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GB 1200 99.8 98.8 99.4 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 1000 98.8 99.0 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 900 98.8 99.0 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 800 98.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GR. 99.0 99.4 99.7 100.0 100.0 Œ 700 98.8 99.0 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 98.8 99.0 99.4 99.7 100.0 100.0 CE 98.8 500 99.0 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 400 98.8 99.0 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 300 98.8 99.0 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CR 200 98.8 99.0 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 QT. 100 98.8 99.0 99.4 000 98.8 99.0 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL BURGER OF ORSERVATIONS 928

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR HOURS: 12-14

| | | | | LST | 10 UIC | : + 8 | | | | | MONTH: | MAR | HOURS: | 12-14 | | | |
|--------------|-------|------|---------------|---------------|--------|---------------|--------------|-------|---|--------|---------------|------|--------|---------------|---------------|-------|-------|
| CEIL | TWG | | | • • • • • • • | ••••• | ••••• | VISIBILI | TW TH | STATIFUR | MTT.RR | • • • • • • • | | | • • • • • • • | • • • • • • • | ••••• | ••••• |
| IN | - | GE | Œ | GE | Œ | GE | GE | GE | GE | GE | Œ | GE | GE | GE | GE | GE | Œ |
| PEE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| • • • • | | | • • • • • • • | | ••••• | • • • • • • | | | • | | | •••• | | • • • • • • • | | | |
| | | | | | | | | | | | | | | | | | |
| NO C | BIL | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| | | | | | | | | | | | | | | | | | |
| | 0000 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| | 8000 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| | 6000 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| CE 1 | | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GR I | 2000 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| <i>σ</i> ₽ 1 | .0000 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| | 9000 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| | 8000 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| | 7000 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| | 6000 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| | | 31.3 | 37.0 | 3,., | 3 | 37.7 | <i>37.17</i> | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| Œ | 5000 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| | 4500 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| | 4000 | 98.4 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | 3500 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | 3000 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| _ | | | | | 2200 | | ,,,,, | 2212 | | 22.0 | 2203 | 2210 | 22.0 | 22.00 | ,,,, | 22.0 | 22.0 |
| Œ | 2500 | 98.9 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| Œ | 2000 | 98.9 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| Œ | 1800 | 99.0 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 1500 | 99.0 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 1200 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | ĺ | | | | | | | | | | | | | | | | |
| | 1000 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.0 | 79.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.0 | ÿ9.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ~~ | 000 | 00.0 | | 00 7 | 00.7 | 00.0 | | 00 0 | 00.0 | 00.0 | 00.0 | 00.0 | 100 0 | 100 0 | 100 5 | 100.0 | 100.0 |
| Œ | w | 99.0 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • • | •••• | | • • • • • • • | | | • • • • • • • | | ••••• | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAR HOURS: 15-17 VISIBILITY IN STATUTE MILES CRILING Œ GE GE GE Œ GR Œ IN Œ GE GE Œ GE Œ GE GE Œ 2 1/2 2 1 1/2 1 1/4 1 3/4 FRET 7 6 5 4 3 5/8 1/2 3/8 1/4 0 NO CEIL 61.2 61.4 61.4 61.5 61.5 61.6 61.6 61.6 61.6 61.6 61.6 61.6 61.6 61.6 61.6 GE 20000 79.1 79.4 79.4 79.5 79.5 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 GE 18000 81.3 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.0 81.2 81.2 81.3 81.4 81.4 **CE 16000** 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.3 81.5 81.5 81.6 81.6 81.7 81.7 **GR 14000** 85.2 85.4 85.4 85.5 85.5 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 **GE** 12000 86.5 86.7 86.7 86.8 86.8 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 GR 10000 89.0 89.2 89.2 89.4 89.4 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 GE 9000 89.5 89.7 89.7 89.8 89.8 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 **GE 8000** 94.1 94.3 94.3 94.4 94.4 94.5 94.5 94.5 94.5 94.6 94.6 94.6 94.6 94.6 94.6 94.6 GE 7000 96.5 96.6 96.6 96.7 96.7 96.7 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.2 96.5 96.7 CE 6000 98.2 98.2 98.3 98.3 98.3 98.4 98.4 98.4 97.7 98.0 98.1 98.1 98.2 98.2 98.4 98.0 GR 5000 98.5 98.5 98.6 98.6 98.7 98.7 98.7 98.7 98.8 98.8 98.8 98.9 98.9 4500 98.4 98.7 98.8 98.8 98.9 98.9 98.9 99.0 99.0 Œ 98.6 98.6 98.7 98.8 98.8 99.0 99.0 CE 4000 98.6 98.8 98.8 98.9 98.9 99.0 99.0 99.0 99.0 99.1 99.1 99.1 99.2 99.2 99.2 99.2 GE 3500 98.6 98.8 98.8 98.9 98.9 99.0 99.0 99.0 99.0 99.1 99.1 99.1 99.2 99.2 99.2 99.2 CR 3000 98.8 99.0 99.0 99.1 99.1 99.7 99.2 99.2 99.2 99.4 99.4 99.4 99.5 99.5 99.5 99.5 CE 2500 99.0 99.1 99.1 99.2 99.2 99.4 99.4 99.4 99.5 99.5 98.8 99.0 99.2 99.2 99.5 99.5 **QR** 2000 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.5 99.5 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.4 1800 99.0 99.2 99.4 99.5 99.5 99.5 99.6 99.6 99.6 99.7 99.7 99.7 99.7 CE 99.2 99.5 99.5 99.5 Œ 1500 99.0 99.2 99.5 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.2 99.4 99.4 99.5 GR 1200 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.5 99.5 99.6 99.6 99.6 99.7 99.7 99.7 99.7 OK. 1000 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.7 99.8 99.8 99.9 99.9 99.9 99.9 CE 900 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.7 99.8 99.8 99.9 99.9 99.9 99.9 CE 800 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.7 99.8 99.8 99.9 99.9 99.9 99.9 CE 700 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 GE 600 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 CE 500 99.0 99.2 99.2 99.4 99.4 99.5 99.5 .3 5 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 CE 400 99.0 99.2 99.2 99.4 99.4 99.5 99.5 **99.6** 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 CE 300 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 200 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.8 99.9 99.9 GE 100 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 GE 000 99.0 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR HOURS: 16-20

| | LLING | ••••• | ••••• | • • • • • • | • • • • • • | ••••• | VTQTBTT | | STATUTE | MTT.PQ | • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • | ••••• | ••••• |
|------|-------|-------|-------------|--|-------------|-------|---------|--------------|---------------|--------|-------------|-------|-------------|-------|-------------|-------|-------|
| | | GE | GE | GE | GE | GE | GE | GE TIT IN | GE STW101P | GE | Œ | GE | Œ | GE | GE | GB | GE |
| | EET . | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | | | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | | | | . | | | . | | | | | | |
| • | l | | | | | | | | ••••• | •••• | | | | | | | •••• |
| MO | CRIL | 70.3 | 70.3 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| Œ | 20000 | 81.7 | 81.7 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| Œ | 18000 | 83.2 | 83.2 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| Œ | 16000 | 84.3 | 84.3 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.5 | 84.6 |
| Œ | 14000 | 87.1 | 87.1 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| Œ | 12000 | 90.0 | 90.0 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| æ | 10000 | 91.9 | 91.9 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE | 9000 | 92.7 | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| Œ | 8000 | 95.8 | 95.8 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| Œ | 7000 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| Œ | 6000 | 98.0 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 98.5 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| Œ | 4500 | 98.7 | 98.7 | 98.9 | 99.¢ | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| Œ | 4000 | 98.9 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 3500 | 98.9 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 3000 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | | | | | | | | | | | | | | | | | |
| Œ | 2500 | 99.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 2000 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| Œ | 1800 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| Œ | 1500 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 1200 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 1000 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 200 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| COR. | 000 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | اس | ***** | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | • | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR BOURS: 21-23

| CRILING CR | | | | | LSI | TO UTC | : + 8 | | | | | MONTH: | MAR | HOURS: | 21-23 | | | |
|--|-----------|--------|-------------|-------|---------------|--------|---------------|---------|--------|---------|---------------|---------------|---------------|---------------|---------------|-------|---------------|-------|
| No. Cell 78.3 78. | CEI | LING | • • • • • • | | ••••• | | | VISIBIL | ITY IN | STATUTE | MILES | ••••• | | • • • • • • • | | ••••• | | ••••• |
| NO CRIL 78.3 | 1 | IN | GE | GE | GE | GE | | | | | | GE | Œ | GE | GE | GE | GE | GE |
| CR 20000 84.8 84.8 84.8 84.8 84.8 84.8 84.8 | P | BT . | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| CR 20000 84.8 84.8 84.8 84.8 84.8 84.8 84.8 | • • • | •••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• |
| GE 16000 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 | ю | CEIL | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ## 16000 86.9 | GE | 20000 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 14000 90.3 90.3 90.3 90.3 90.3 90.3 90.3 9 | Œ | 18000 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GR 12000 91.1 93 | GE | 16000 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| GE 10000 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 | CE | 14000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 9000 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 | GE | 12000 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 8000 96.9 96.9 96.9 96.9 96.9 96.9 96.9 9 | GE | 10000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 7000 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 | GE | 9000 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 5000 99.5 99.5 99.5 99.5 99.5 99.5 99.5 | CB | 8000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 5000 99.5 99.5 99.5 99.5 99.5 99.5 99.5 | CE | 7000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 4500 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99 | GE | 6000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 4500 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99 | CR | 5000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 4000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 | | | | | | | | | | | | | | | | | | |
| GE 3500 99.9 99.9 99.9 99.9 99.9 99.9 99.9 9 | GE | | | | | | | | | | | | | | | | | |
| GE 2500 GE 250 | | | | | | | | | | | | | | | | | | |
| GE 2000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 | GE | 3000 | 99.9 | | | | | | | | | | | | | | | |
| GE 2000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 | | | | | | | | | | | | | | | | | | |
| GE 1800 99.9 99.9 99.9 99.9 99.9 99.9 99.9 9 | GE | 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 99.9 99.9 99.9 99.9 99.9 99.9 99.9 9 | GE | 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 99.9 99.9 99.9 99.9 99.9 99.9 99.9 9 | CE | | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 99.9 100.0 | CE | | 99.9 | | | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 99.9 100.0 | GE | 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 99.9 100.0 | GE | 1000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 99.9 100.0 | GE | 900 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 99.9 100.0 | CE | 800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 99.9 100.0 | CE | 700 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 99.9 100.0 | GE | 600 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 99.9 100.0 | GE | 500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 99.9 100.0 | Œ | 400 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 99.9 100.0 | GE | 300 | 99.9 | 100.0 | | | | | | | | | | | | | | |
| GE 100 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 | GE | 200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 000 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 | Œ | 100 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | GE | 000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR HOURS: ALL

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|----------------|--------|-------------|---------------|---------------|---------------|-------------|---------------|-------------|-----------------|---------------|-------|-------------|---------------|-------------|-------------|-------------|-------------|
| | ••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | •••••• | | | • • • • • • • • | ······ | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • |
| CRILIN | u , | _ | | | | | VISIBILI — | | | | | | | | | | |
| IN | - 1 | GE | Œ | GE | Œ | GE | GE | GB | GE . | GE | GE | GE | GB | GE | GE | GE | GE |
| PEST | - 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | •••• | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • |
| | - 1 | | | | | | | | | | | | | | | | |
| MO CRI | r | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| GE 200 | 00 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 180 | 00 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 160 | 00 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GB 140 | 00 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 8).0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| CR 120 | oo l | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| | - 1 | | | | | | | | | | | | | | | | |
| CBR 100 | ool | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GB 90 | 00 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 80 | | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| | 00 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| | 00 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| | ٦٠, | 2 | 3 | 20.00 | ,,,, | 30.0 | 3000 | 20.0 | 30.0 | | | 3012 | 2012 | | 3002 | 2002 | 5002 |
| GE 50 | ∞l | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 45 | | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | 00 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 |
| | ∞ ∞ | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| WE 30 | ۳Į | 33.1 | 33.2 | 77.4 | 77.4 | 77.4 | 33.3 | 33.3 | 99.3 | 77.3 | 33.3 | 39.3 | 33.3 | 33.3 | 37.3 | 33.3 | 33.3 |
| CER 25 | 00 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 00 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | l | 99.3 | 99.4 | | 99.7 | 99.7 | 99.7 | | | | 99.7 | 99.7 | 99.7 | 99.7 | | | |
| | | | | 99.6 | | | | 99.7 | 99.7 | 99.7 | | | | | 99.8 | 99.8 | 99.8 |
| | 00 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 12 | 00 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| | 00 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CEE 6 | ∞ | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | 00 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | ᅇ | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1 | ᅇ | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| CE 0 | 00 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: APR HOURS: 00-02

| | | | | LSI | TO UTC | : + 8 | | | | | MONTH: | APR | HOURS: | 00-02 | | | |
|--------------|-----------|-------------|-------|----------------|--------|---------------|----------------|-------------|---------|-------------|-------------|-------------|---------------|---------------|-------|-------|-------------|
| CEI | LING | • • • • • • | ••••• | ••••• | ••••• | ••••• | VISIBIL | ITY IN | STATUTE | MILES | • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• |
| 11 | | Œ | GE | GE | GE | Œ | GE | GE | GE | GE | GE | GE | GE | Œ | GE | GE | GE |
| FE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | | ••••• | • • • • • • | | • • • • • • | • • • • • • • | • • • • • • • | ••••• | | • • • • • • |
| m 0 (| CELL | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| | | 03.0 | 03.0 | 03.0 | 05.0 | 03.0 | 05.0 | 03.0 | 03.0 | 03.0 | 03.0 | 03.0 | 05.0 | 03.0 | 03.0 | 03.0 | 03.0 |
| GE : | 20000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| CE : | 18000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| | 16000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE : | 14000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| CE : | 12000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE : | 10000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| CE | 9000 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE | 8000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE | 7000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CE | 6000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GR | 5000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 4500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 4000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| | • | | 20000 | | | | | | | | | | | | | | |
| Œ | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB | 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | *** | | 100 0 | 100.0 | 100.0 | | 100 0 | | 100 0 | 100 0 | | 100 0 | | | | 400.0 | |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| y B | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| QE | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | • • • • • | | | ••••• | ••••• | ••••• | | • • • • • • | | • • • • • • | | | • • • • • • • | • • • • • • • | ••••• | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: APR HOURS: 03-05 VISIBILITY IN STATUTE MILES CRILING GE GE GE GE GE IM Œ Œ Œ **CR** ŒŔ GR Œ GE GE æ IN GE GE GE FEET 7 6 5 2 1/2 2 1/2 3/8 1 1/2 1 1/4 1 3/4 5/8 0 4 3 1/4 82.8 82.8 82.8 82.8 **GE 20000** 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 91.6 91.6 91.6 CE 18000 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 CR 16000 92.6 92.6 92.6 92.6 92.5 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 CE 14000 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 CER 12000 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 97.1 CE 10000 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 CE 9000 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 GE 8000 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 CE 7000 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.2 98.2 98.2 98.2 CE 6000 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.6 98.6 98.6 98.6 CE 5000 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 GE 4500 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.4 4000 99.4 99.4 99.4 Œ 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 CE 3500 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.9 CEE 3000 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 CER 2500 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.8 99.8 Œ 2000 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.8 99.9 Œ 1800 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 99.8 99.9 99.9 1500 Œ 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 Œ 1200 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 at a 1000 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 Œ 900 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 æ 800 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 Œ 700 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 99.8 Œ 600 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 99.9 99.9 99.9 99.9 99.9 Œ 500 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 99.8 CIE. 400 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 æ 300 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0

TOTAL MARGER OF OBSERVATIONS 900

99.8

99.8

99.8

99.8

99.9

99.9

99.9

99.9

99.9

99.9

99.9

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200

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100 99.8

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99.9

99.9 100.0 100.0 100.0 100.0

99.9 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: APR HOURS: 06-08

| | | | | LST | TO UTC | : + 8 | | | | | MONTE: | APR | BOURS: | 06-08 | | | |
|--------------|--------------|--------------|---------------|---------------|---------------|---|----------------|--------------|-----------------|--------------|--------------|--------------|---------------|-----------------|---------------|---------------|-------|
| CEIL | | | • • • • • • • | • • • • • • • | • • • • • • • | • | | | • • • • • • • • | | ••••• | • • • • • • | • • • • • • • | • • • • • • • • | ••••• | • • • • • • • | ••••• |
| IN | | Œ | Œ | Œ | GE | GR | VISIBILI Ge | GE IN A | GE | CE UTTES | GE | GE | GR | Œ | GE | Œ | GE |
| PEE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | - I | | | • • • • • • • | - | | <i></i> - | | - - /- | | <u>-</u> | | • • • • • • • | | | | |
| | 1 | | | | | | | | | | | | | | | | |
| 10 C | BIL | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 |
| | | | | | | | | | | | | | | | | | |
| GE 2 | | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 10 | | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 1 | | 91.9 93.4 | 91.9 93.4 | 91.9 93.4 | 91.9 93.4 | 91.9 93.4 | 91.9 93.4 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 1 | | 95.0 | 95.0 | 95.0 | 95.4 | 95.4 | 95.4 95.0 | 93.4 95.0 | 93.6 95.1 | 93.6 95.1 | 93.6 95.1 | 93.6 95.1 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 |
| WB 1. | اسم | 93.0 | 93.0 | 99.0 | 33.0 | 33.0 | 93.0 | 93.0 | 93.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 10 | 0000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| | 9000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE I | 8000 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| CE ' | 7000 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE (| 6000 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| | ŀ | | | | | | | | | | | | | | | | |
| CE S | 5000 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4 | 4500 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| | 4000 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| | 3500 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE : | 3000 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| | | | | | | | | | | | | | | | | | |
| | 2500 2000 | 99.2 99.2 | 99.2 99.2 | 99.4 99.4 | 99.4 99.4 | 99.4 | 99.4 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 1800 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 99.4 | 99.4 | 99.4 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 1500 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.4 | 99.6 99.9 | 99.6 | 99.6 99.9 | 99.6 99.9 | 99.6 99.9 | 99.7 100.0 | 99.7 100.0 | 99.7 100.0 | 99.7 |
| | 1200 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 33.3 | 33.3 | 22.1 | 33.0 | 77.0 | 33.0 | 33.0 | 33.3 | 33.3 | 33.3 | 22.2 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE : | 1000 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 800 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 700 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 600 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 500 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 300 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 100 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 000 | 99.3 | 99.3 | 99.7 | ~~ - | | ~~ ~ | 00.6 | | | •• • | | | | | | |
| 45 | ויייי | 77.3 | yy.3 | yy./ | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

PENCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY PROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | | | LST | TO UTC | : + 8 | | | | | HOWTH: | APR | HOURS: | 09-11 | | | |
|----------|-----------|---------------|-------|-------|---------------|-------|---------------|--------------|-------|-------|---------------|-------|-------------|-----------------|---------------|-------|-------|
| | | • • • • • • • | | ••••• | • • • • • • • | ••••• | | | | | • • • • • • • | ••••• | • • • • • • | • • • • • • • • | • • • • • • • | ••••• | |
| | n Ling | GE | Œ | CE | CE. | CE | VISIBIL QR | GE TTX IN | GE | GE | Œ | GR | Œ | GE | GE | GE | QE. |
| FE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | -0 |
| | | , , | | | | | | - | | | . | | | | | | |
| | | l | | | | | | | | | | | | | | | |
| 110 | CEIL | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| æ | 20000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| | 18000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| | 16000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| | 14000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| | 12000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| | | | | | | | | | | | | | | | • | | |
| Œ | 10000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| Œ | 9000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| Œ | 8000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| Œ | 7000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| Œ | 6000 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| | | ŀ | | | | | | | | | | | | | | | |
| Œ | 5000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| Œ | 4500 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| æ | 4000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| Œ | 3500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 3000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| æ | 2500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| <u>a</u> | 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| <u>a</u> | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <u>a</u> | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | Ì | İ | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| Œ | - | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| a | | 1,00 0 | 100 0 | 100 0 | 100 0 | 100 0 | 100.0 | 100.0 | 100 0 | 100 0 | 100.0 | 100.0 | 100 0 | 100.0 | 100 0 | 100 0 | 100 0 |
| ~ | , ww | 1100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: APR BOURS: 12-14

| CRILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | ••••• | | | |
|-------------------------------------|-----------|--------|-------|----------------|-------|-------|----------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| | E TIME | i cas | CE | Œ | CE | Œ | GE | CE | GE | CEL | GE | Œ | GE | Œ | GE | Œ | GE |
| | .r. ET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | NBA | 1 ′ | | | | | 2 1/2 | | | | | 3/4 | | | | | |
| ••• | | i | | | | ••••• | | • • • • • • • | | | | ••••• | | ••••• | | | ••••• |
| MO | CEIL | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| Œ | 20000 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| Œ | 18000 | 87.1 | 87.1 | 67.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE | 16000 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 68.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| CE | 14000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| Œ | 12000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| CE | 10000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| CE | 9000 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE | 8000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE | 7000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| Œ | 6000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| | | 1 | | | | | | | | | | | | | | | |
| GE | 5000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 4500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 4000 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 3500 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | l | | | | | | | | | | | | | | | |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ~ | E00 | | 100.0 | 100.0 | 100 0 | 100 0 | 100 0 | 100.0 | 100.0 | 100.0 | 100 0 | 100 0 | 100.0 | 100.0 | 100.0 | 100 0 | 100 0 |
| GE | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE. | | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE. | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | 100 | 1.00.0 | 1,0.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | • | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: HELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTE: APR HOURS: 15-17 VISIBILITY IN STATUTE MILES CRILING 1/4 0 83.7 83.7 83.7 83.7 83.7 83.7 83.7 GE 20000 83.4 83.4 83.6 83.6 83.7 83.7 83.7 83.7 83.7 85.1 85.0 85.0 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 GE 18000 84.9 84.9 85.1 GE 16000 86.8 86.8 86.9 86.9 87.0 87.0 87.0 87.0 67.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 GE 14000 89.2 89.2 89.3 89.3 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 GE 12000 91.1 91.1 91.2 91.2 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 GE 10000 92.4 92.4 92.6 92.6 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 CEE 9000 94.2 94.2 94.3 94.3 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 97.1 97.2 97.2 97.2 97.2 97.2 97.2 97.2 GE 8000 97.0 97.0 97.1 97.2 97.2 97.2 97.2 97.2 98.2 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 CE 7000 98.1 98.1 98.3 98.3 98.3 98.3 98.3 99.1 CE 6000 98.9 98.9 99.0 99.0 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 GR 5000 99.4 99.4 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.9 99.9 CER 4500 99.7 99.7 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 **CE** 4000 99.7 99.7 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.8 GE 3500 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GER 3000 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE 2500 99.8 99.8 99.9 GE 2000 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.8 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 1800 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1500 99.8 99.8 99.9 Œ 1200 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ØR 1000 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 æ 900 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 800 **a** 99.8 99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 700 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ Œ 600 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.9 Œ 500 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 **a** 400 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **Œ** 300 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.9 Œ 200 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 99.8 99.8 99.9 000 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL MEMBER OF CREEKVACTIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: APR HOURS: 18-20

| | | | | LST | TO UTC | : + 8 | | | | | MONTH: | APR | HOURS: | 18-20 | | | |
|------------|-----------|-------|------|---------------|--------|-------|---------|--------|---------|-------|--------|-------|---------------|-------|-------|-------|-------|
| CEI | Ling | ••••• | | • • • • • • • | | ••••• | VISIBIL | ITY IN | STATUTE | MILES | ••••• | ••••• | • • • • • • • | | ••••• | ••••• | ••••• |
| I | 17 | GE | GE | Œ | GE | Œ | GE | Œ | GE | Œ | GE | Œ | GE | GE | GE | Œ | GE |
| FE | BT | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| - | CB II. | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 3 0 | CBIL | 72.0 | 72.0 | /2.1 | /2.1 | /2.1 | 72.1 | /2.1 | 72.1 | 72.1 | /2.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 12.1 |
| | 20000 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| | 18000 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| | 16000 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| | 14000 | 91.9 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE | 12000 | 94.2 | 94.2 | 94.4 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE : | 10000 | 95.2 | 95.2 | 95.4 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| CE | 9000 | 95.8 | 95.8 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| Œ | 8000 | 97.6 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| CE | 7000 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| Œ | 6000 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE. | 5000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 4500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 4000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 3000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 2000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1200 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 800 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE, | 600 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 300 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 200 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 100 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • • | ••••• | ••••• | | ••••• | | ••••• | | ••••• | ••••• | ••••• | ••••• | | • • • • • • • | | ••••• | | |

PERCENTAGE PROQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NAMES: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: APR HOURS: 21-23

| | | | | LST | TO UTC | : + 6 | | | | | MATE: | APK | HOURS: | 21-23 | | | |
|---------------|------------------|-------------|-------|-------|--------|-------|---------------|----------|---------------|---------------|---------------|----------|---------------|---------------|---------------|-------|----------------|
| CEILIN | | • • • • • • | | ••••• | ••••• | | VTQTBTT. | | STATUTE | MTT.ER | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• |
| IN | ٠, | Œ | Œ | GE | Œ | GE | GE ATOTRIP | GE CE | CE STVIATE | GE | Œ | GE | GE | GE | Œ | GE | GE |
| PEET | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| FBBI | | . | • | | • | | 2 1/2 | 4 | 1 1/2 | 1 1/4 | | 3/4 | 376 | 1/2 | 3/6 | 1/4 | U |
| ••••• | ¨ï | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | | ••••• | • • • • • • • | • • • • • • • | •••• | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• |
| NO CEI | _L , | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| | - ' | | | | | | | | | | | 4 | | 4 2.12 | | | |
| GB 200 | 00 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 180 | 00 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 160 | 00 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 140 | 00 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 120 | 00 9 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | | | | | | | | | | | | | | | | | |
| GE 100 | 00 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 90 | 00 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 80 | 00 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 70 | 00 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| CEE 60 | 00 3 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | | | | | | | | | | | | | | | | | |
| CE 50 | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 45 | ∞ s | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 40 | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 35 | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER 30 | 00 I | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| 48 25 | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 12 | ∞ | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | | 99.9 | 99.9 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 45 0 | ∞ : | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 5 | l | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100 0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| 1 | ٦ ا | -J.7 | 22.3 | 100.0 | 400.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| a 0 | ∞ . | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100 0 | 100 0 | 100.0 | 100 0 | 100 0 | 100 0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | -01 | | ***** | 200.0 | 200.0 | | | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

TOTAL MARKET OF OBSERVATIONS 900

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: APR HOURS: ALL

| CEILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------|---------------|------|-----------------|------|---|-------|--------------|----------------|-------|----------|-------|-------|----------------|-------|-------|-------|
| I | | Œ | GE. | Œ | GE | Œ | GE | Œ | GE | CE | GE | GE | GE | Œ | GE | Œ | GE |
| PE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | (| | | | | | | - | | | - | | | | | | |
| | | 1 | | | | | | | | | | | | | | ••••• | |
| MO | CEIL | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| CE | 20000 | 88.5 | 88.5 | 88.5 | 68.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 86.5 | 88.5 | 88.5 | 88.5 |
| GE | 18000 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.€ | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| CE | 16000 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| CE | 14000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| Œ | 12000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| | | | | | | | | | | | | | | | | | |
| Œ | 10000 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| CE | 9000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE | 8000 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE | 7000 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| Œ | 6000 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| | | | | | | | | | | | | | | | | | |
| CE | 5000 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | 4500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| CE | 4000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE | 3500 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 3000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| CE | 2500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 2000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 1800 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 1500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1200 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 1000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 900 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 800 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 700 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 600 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100 0 | 100 0 | 100.0 | 100.0 | 100 0 | 100 0 | 100 0 |
| GE | 400 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 300 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 200 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 100 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | | | 100.0 |
| V D | 100 | 77.0 | 33.0 | 77.7 | 37.3 | 37.7 | 77.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100 0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | • • • • • • • | | • • • • • • • • | | • | | | | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY BOURS: 00-02

| | | | | F2.1 | יאנט טוני | : + 8 | | | | | WOWIN: | MAI | BOUKS: | 00-02 | | | |
|--------------|------|-------|---------------|-----------|---------------|-------|--------------|---------------|----------------|---------------|---------------|-------|---------------|---------------|---------------|-------|-------------|
| CRILI | | | • • • • • • • | ••••• | ••••• | ••••• | VISIBIL | | | MYT DO | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • |
| IN | | GE | Œ | GR | GR. | CE | A TO I PI II | GE | CE | GE | CER | GE | GDE | GE | GE | CE | Œ |
| FEET | . | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| LPPI | . 1 | • | • | 9 | • | 3 | 2 1/2 | - | 1 1/2 | 1 1/4 | * | 3/ 4 | 3/6 | 1/2 | 3/0 | 1/4 | v |
| •••• | i | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• |
| NO CE | ,,, | 68.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| | | 00.0 | 00.0 | •••• | 30.1 | •••• | 00.1 | | 00.1 | 00.2 | | 50.1 | | 00.1 | 0012 | •••• | 00.1 |
| CE 20 | I | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 18 | | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 16 | | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GB 14 | | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 12 | | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| - 14 | | 97.0 | 37.0 | 31.1 | 71.1 | 3/./ | 3/./ | 31.1 | 31.1 | 3 | 37.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.7 |
| CE 10 | | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| | 000 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 000 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 000 | | | | 99.9 | 99.9 | | | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE 6 | w | 99.8 | 99.8 | 99.9 | 77.7 | 33.3 | 99.9 | 99.9 | 99.9 | 99.9 | 33.3 | 33.3 | 33.3 | 39.9 | 99.9 | 33.3 | 79.9 |
| GR 5 | 000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 1000 | 99.9 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 500 | | 99.9 | | | | | | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | - |
| | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | | | | | 100.0 |
| GE 3 | 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER 2 | 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100 0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | 100.0 | | | | 100.0 | | | 100.0 | | 100.0 | | 100.0 | 100.0 | |
| | 800 | 99.9 | 99.9 | | 100.0 | 100.0 | | | | 100.0 | | 100.0 | | 100.0 | | | 100.0 |
| | 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1 | 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1 | .000 | 99.9 | 99.9 | 100.0 | 100 0 | 100.0 | 100 0 | 100.0 | 102.0 | 100 0 | *** | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | | | 100.0 | | 100.0 | 100.0 | 100.0 |
| | 800 | 99.9 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | |
| | 700 | 99.9 | 99.9 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | 100.0 | | | | | | 100.0 |
| WE . | 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | ~~ ~ | | | | | | 100 0 | | | | | 100 0 | | | | |
| | 500 | 99.9 | 99.9 | 100.0 | | 100.0 | 100.0 | | | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 |
| | 400 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| | 300 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.9 | 9^.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | | | 400 5 | 400 - | | 445 - | | | | | | | | |
| Œ | 000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: MELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: MAY HOURS: 03-05 LST TO UTC: + 8 CRILING VISIBILITY IN STATUTE MILES GE GE 2 1/2 2 Œ CR Œ CIR GR GR CIR. CR GR TM Œ GE Œ CK FRET 7 6 1 1/2 1 1/4 1 3/4 1/2 5 4 3 5/8 3/8 1/4 0 91.9 91.9 GR 20000 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 GE 18000 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 GR 16000 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 CE 14000 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 97.1 GE 12000 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 GE 10000 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 GE 9000 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 GE 8000 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 CIR 7000 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GR 60001 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 5000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 4500 100.0 GE 4000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 3500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 3000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 2500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 2000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1800 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1200 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CIR. 1000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 900 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **800 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0** CR CE 700 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **600 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0** CE 500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 400 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 an. 300 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 200 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 100 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **GE 000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0**

TOTAL MINERR OF ORSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY HOURS: 06-08

| CEII | TWO | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | ••••• | ······ | | STATUTE | MITTE | • • • • • • | • • • • • • • | • • • • • • | | • • • • • • | ••••• | ••••• |
|--------------|-------|-------------|---------------|---------------|---------------|-------|--------|--------------|---------|-------|-------------|---------------|---------------|-------|-------------|-------|-------------|
| TR. | | CE | Œ | GE | Œ | GE | GE | GE TII IN | GE | GE | Œ | GE | Œ | GE | GE | GE | GE |
| FEE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | _ | 1 1/2 | 1 1/4 | 9E 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| , con | •• | , , | • | , | • | , | 2 1/2 | - | 1 1/2 | 1 1/4 | | 3/4 | 376 | 1/2 | 3/6 | 1/4 | U |
| •••• | | l | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | ••••• | | • • • • • • | | • • • • • • • | | • • • • • • | ••••• | • • • • • • |
| NO C | RIL | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 2 | 20000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| | 8000 | 92.6 | 92.6 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| CE 1 | 6000 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| | 4000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| CER 1 | 2000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| | | | | | | | | | | | | | | | | | |
| GE 1 | 10000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| Œ | 9000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| CE | 8000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | 7000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 6000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | | | | | | | | | | | | | | ••• | | | |
| CE. | 5000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| æ | 4500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 4000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 3500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 3000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| - | | _ | | | | _ | | | | | | | | | | | |
| Œ | 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE. | 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 700 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CZE | 300 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | 200.0 | 200.0 | 200.0 | 2000 |
| æ | 000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

TOTAL RABBER OF OBSERVATIONS 930

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY HOURS: 09-11

| CR1 | LING | ••••• | ••••• | • • • • • • | ••••• | ••••• | VISIBIL | TTY TH | STATUTE | MTT.RS | • • • • • • | • • • • • • | ••••• | • • • • • • | • • • • • • | • • • • • • | • • • • • • |
|-----|-------------|-------|-------|---------------|-------|---------------|---------|---------------|---------|--------|-------------|---------------|---------------|-----------------|---------------|-------------|-------------|
| | N I | Œ | GE | Œ | GE | GE | GE | GB. | GE | GE | GB | GE | GE | GE | GE | Œ | GR |
| | BT . | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | 1 | | | | | - | | - | •••• | | | | | | •••• | | |
| | | | | | | | | | | | | | | | | | |
| NO | CELL | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE | 20000 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE | 18000 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| Œ | 16000 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| CE | 14000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GR | 12000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| | | | | | | | | | | | | | | | | | |
| GE | 10000 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| CE | 9000 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE | 8000 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 7000 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE | 6000 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 4500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 4000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 3500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 3000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 2500 | 99.9 | 100.0 | | 100.0 | | 100.0 | | | | | 100.0 | | 100.0 | | | 100.0 |
| Œ | 2000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 99.9 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB | 1500 | 99.9 | 100.0 | | 100.0 | | 100.0 | | | 100.0 | | 100.0 | 100.0 | _ | 100.0 | 100.0 | 100.0 |
| GE | 1200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ~ | 1000 | ~~ ~ | 100 0 | 100 0 | 100 0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | *** | 100.0 | 400 0 | 100 0 | *** | 100.0 |
| GE | 1000 900 | 99.9 | 100.0 | | 100.0 | | 100.0 | | | 100.0 | | | | 100.0 | | | 100.0 |
| GE | 800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 |
| GE | 700 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100. | 100.0 | 100.0 |
| GE | 600 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4E | 800 | 33.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100 C | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.Ô |
| GE | 400 | | 100.0 | 100.0 | | 100.0 | | | 100.0 | | | 100.0 | | _ | 100.0 | | 100.0 |
| GE | 300 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | | 100.0 | | | | 100.0 | | | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| 45 | 100 | 27.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | വര | 99.0 | 100.0 | 100-0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 410 | 000 | 22.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••• | | | ••••• | • • • • • • • | | • • • • • • • | ••••• | • • • • • • • | | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • • | | • • • • • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CRILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY EOURS: 12-14

| | | | | | 10 010 | . + 0 | | | | | WOULD: | MAI | noors: | 12-14 | | | |
|---------------|---------|-------|---------------|---------------|---------------|-------|---------------|---------------|---------------|-------|---------------|-------------|---------------|---------------|---------------|---------------|-------------|
| | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | | | | | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • |
| CRITI | 16 | _ | | | _ | | | | STATUTE | | _ | | _ | | _ | | _ |
| IM | | Œ | GR | GE | Œ | GE | Œ | GE | GE | GE | Œ | GE | GE. | GE | Œ | GB | GR |
| PEST | - 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| • • • • • • | • • • • | | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | • • • • • • | • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • |
| | | | | | | | | | | | | | | | | | |
| MO CEI | IL | 78.0 | 78.0 | 78.1 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| | ŀ | | | | | | | | | | | | | | | | |
| GB 200 | 000 | 89.6 | 89.6 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 180 | 000 | 90.4 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| CE 160 | 000 | 90.4 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 140 | 1000 | 92.9 | 92.9 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| CE 120 | 000 | 94.0 | 94.0 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| | | | | | | | | | | | | | | | | | |
| GR 100 | 000 | 96.4 | 96.4 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| CER 90 | 000 | 97.0 | 97.0 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| | 000 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| | 000 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | 200 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 45 00 | ~~ | 33.0 | 33.1 | 33.0 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GR 50 | 000 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 500 | 99.6 | 99.7 | | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 99.6 | | 99.8 | | 100.0 | 100.0 | | | | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER 30 | וייי | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | ~~ ~ | | | | | | | | | | | 400.0 | | 440.0 | | 100 0 |
| | 100 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 500 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 12 | 200 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | [| | | | | | | | | | | | | | | | |
| | 000 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 900 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 700 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 6 | 500 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| | 500 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 300 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 190.0 | 100.0 | 100.0 |
| | 900 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CES 1 | 100 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| CE C | 1000 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | - - | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY BOURS: 15-17

| | | | | 161 | 10 010 | . + 0 | | | | | PARILI. | LINI | BOURD. | 13-17 | | | |
|-------------|----------------|-------|---------------|---------------|---------------|---------------|---------------|------|--------------|--------------|-------------|---------------|--------|---------------|-------|---------------|-------------|
| CRILIN | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | | VISIBILI | | | MTTES | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• |
| IN | ~ _i | Œ | CE | CE | GE | CEE . | GE CE | GE . | CE CE | GE LITTES | GE | Œ | GE | GE | GE | Œ | GE |
| PERT | H | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| LPDI | ı | • | • | , | • | 3 | 2 1/2 | - | 1 1/2 | 1 1/4 | * | 3/4 | 3/6 | 172 | 3/0 | 1/4 | U |
| • • • • • • | ï | ••••• | | | • • • • • • | • • • • • • • | • • • • • • • | | ••••• | • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • |
| NO CEI | , l | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| INC C81 | ۳ I | 74.0 | 74.0 | 74.0 | 74.0 | /4.1 | 74.1 | / | /4.1 | 74.2 | 74.2 | 74.2 | /4.2 | 74.2 | /4.2 | /4.2 | 14.4 |
| GE 200 | Son! | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 180 | | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 160 | | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GB 140 | | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 120 | 1 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 40 110 | ~~ | 34.3 | 34.3 | ,,,, | 34.3 | 37.1 | 33.1 | 73.1 | 33.1 | 33.6 | 33.2 | 33.4 | 33.2 | 77.6 | 33.2 | 37.6 | 33.2 |
| GR 100 | 1000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| | 000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| | 200 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| | 200 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | 200 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | | | 22.0 | | | 33.0 | | | | | | | 22 | | | 2200 | 33 |
| QR 50 | ool | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 200 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GR 35 | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 30 | 000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| CE 25 | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 20 | 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 18 | 300 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 15 | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 12 | 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE 10 | 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 9 9.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 9 | 900 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 300 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 700 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 6 | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 300 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1 | 100 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE (| 1000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY BOURS: 18-20

| | | | | 101 | 10 010 | + 0 | | | | | HANTE: | HAI | BOURS: | 10-20 | | | |
|----------|-------------|-------|---------------|--------|---------------|-------|---------------|-------------|---------------|-------------|---------------|---------------|--------|-------|---------------|-------|-------------|
| | | | ••••• | ••••• | ••••• | ••••• | | | | | • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • |
| | LING | - | _ | | _ | | | | STATUTE | | _ | | _ | | | | |
| | N N | CE | Œ | GE | Œ | GE | GB (C | GE | GE . | GE | Œ | GE | Œ | GE | GE | GB | GE |
| PE | BT | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | | | | • • • • • • | | • • • • • |
| | | | | | | | | | | | | | | | | | |
| MO | CEIL | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| | | | | | | | | | | | | | | | | | |
| Œ | 20000 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| Œ | 18000 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| CE | 16000 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| Œ | 14000 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| Œ | 12000 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| _ | | | | • | | | | | | | 3015 | 2010 | 3003 | | 3003 | 30.5 | 20.5 |
| Œ | 10000 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| CER | 9000 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| CZE | 8000 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 7000 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| <u> </u> | 6000 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | | | | | | | 99.6 |
| 4 | 6000 | 39.7 | 39.0 | 39.0 | 39.6 | 99.0 | 99.0 | 33.6 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| _ | T000 | | 100 0 | | 100 0 | | 400 0 | | | | | | | | | | |
| Œ | 5000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 4500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE. | 4000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 2500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE. | 300 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <u></u> | 100 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | - | | | | | | | |
| 46 | 100 | 37.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100 0 | 100.0 | 100 0 | 100 0 | 400.0 | 100 0 | 100 0 | 100 6 |
| VE | וטטט | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••• | • • • • • • | | • • • • • • • | ****** | • • • • • • • | | • • • • • • • | | • • • • • • • | | | | | | • • • • • • • | | • • • • • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY HOURS: 21-23

| | | | 4002 | . 10 010 | | | | | | I PANILLE . | -mil | LOUIS. | •1- - 3 | | | |
|--------------|---------------------------------------|---------------|-----------------|----------|--------|---------------|---------------|-------|---------------|---------------|-------------|---------------|----------------|---------------|---------------|-------|
| | • • • • • • • • • • • • • • • • • • • | ••••• | • • • • • • • | ••••• | ****** | ******* | | | | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• |
| CEILIM | | GE | | | | VISIBIL GR | | GE | | | _ | GR | CZE. | GE | _ | _ |
| IN | COR. | | æ | GE | Œ | | Œ | | Œ | GE | QE . | | 1/2 | | CE | GE |
| FEST | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | •••••• | • • • • • • • | • • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | ••••• |
| | . | | | | | | | | | | | | | | | |
| NO CEI | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| | 1 | | | | | | | | | | | | | | | |
| GE 200 | | | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 180 | XX 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 160 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 140 | ∞ 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 120 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| | | | | | | | | | | | | | | | | |
| GE 100 | 0 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 90 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 80 | xx 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 70 | 0 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 60 | 20 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | _ | | | |
| GE 50 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 450 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 40 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 354 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 30 | | | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| US 30 | ~ 33.0 | 22.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 250 | o 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 20 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 18 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 15 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| | | | | | | | | | | | | | | | 100.0 | |
| GE 12 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | ء مم ام | | | | | | | | | | 400.0 | | | | | |
| GB 100 | | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 99.8 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 99.8 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 99.8 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 6 | X 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| | ю 99.8 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| • |) 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 99.8 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | |
| GE O | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAY BOURS: ALL

| | | | | LST | 10 010 | : + 5 | | | | | HUNTH: | MAI IIU | UKS: AL | | | | |
|---------------|-------|-------|---------------|---------------|-------------|-------|--|-------|---------|--------|---------------|---------|---------------|-------|---------------|-------|-------------|
| CEILIN | | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• | ······································ | | STATUTE | MTT DO | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • |
| IN | ٠, | CE | GE. | GE | Œ | Œ | CE ATOTRIF | GE | CE | GE | GE | GE | GE | GE | CIE | GE | GE. |
| PEET | 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| LPPT | ı | • | • | 9 | • | , | 2 1/2 | - | 1 1/2 | 1 1/4 | | . 3/4 | 3/6 | 1/2 | 3/6 | 1/4 | Ū |
| ••••• | · i | ••••• | • • • • • • • | • • • • • • • | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• |
| NO CEI | r. | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| | - | | •••• | 02. 13 | | 02.1 | | | | | •••• | | | | •••• | | |
| GE 200 | | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| CE 180 | | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 160 | | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 140 | | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 120 | | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| | | | | 20.0 | 5005 | 30.0 | ,,,, | 20.0 | 5000 | 2000 | 2011 | 2002 | ,,,, | 2000 | ,,,, | 2011 | • |
| CE 100 | ool - | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 90 | | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| CE 80 | | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GR 70 | | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 60 | 1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | | | | | | | | | | | | | | | | •••• |
| czz 50 | امم | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 45 | | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 40 | | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| cas 35 | | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 30 | | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GR 25 | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER 20 | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 18 | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | _ | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 15 | | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 12 | | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | | 100.0 | | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE 10 | ool - | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 9 | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 8 | 00 l | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 7 | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 6 | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE 5 | 00 I | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4 | | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 |
| | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 2 | 00 · | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1 | 00 I | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | _ | | - | | | · · · · · · · | | | | |
| CE 0 | ∞ [· | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | •••• | | | | | ••••• | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN HOURS: 00-02

| • • • | •••• | | | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | | ••••• | • • • • • • | . <i>.</i> | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • |
|-------|----------------|--------------|------------------|--------------|---------------|---------------|---------------|--------------|----------------|--------------|-------------|--------------|---------------|---------------|--------------|---------------|--------------|
| | LING | | | | | | VISIBIL | | | | | | | | | | |
| _ | 16 | Œ | CE | CE. | CE | CE | GE | Œ | GE | Œ | GE | GE | GE | GE. | GE | GE. | GE |
| F | 151 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | | • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • |
| ж | CRIF | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| _ | 22222 | | | | | | | | 04.0 | | 94.8 | | | 94.8 | | | |
| | 20000 18000 | 94.8 94.8 | 94.8 94.8 | 94.8 | 94.8 94.8 | 94.8 94.8 | 94.8 94.8 | 94.8 94.8 | 94.8 94.8 | 94.8 94.8 | 94.8 | 94.8 94.8 | 94.8 94.8 | 94.8 | 94.8 94.8 | 94.8 94.8 | 94.8 94.8 |
| | 16000 | 95.8 | 95.8 | 94.8 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| | 14000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| | 12000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 45 | 12000 | 30.0 | 70 .0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| CTR. | 10000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CE | 9000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | | 100.0 | | | | 100.0 | 100.0 | _ | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| CE | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | | 100.0 | | 100.0 | | 100.0 | | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| QE. | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| GE | - | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| GE | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100 0 | 100 0 | 100.0 | 100 0 | 100.0 | 100 0 | 100.0 | 100 0 |
| GE | | | | | 100.0 | 100.0 | | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | _ | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| 45 | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 000 | 100-0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 | 100.0 |
| ••• | | , | | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NUMBE: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: JUN HOURS: 03-05

| •••• | | ••••• | ••••• | ••••• | • • • • • • • | ••••• | | | | | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• |
|------------|-------------|--------------------|----------------|----------------|----------------|-------|---------------|----------------|---------------|---------------|---------------|-------|---------------|---------------|---------------|-----------|-------------|
| CRIL | | i de | ~= | _ | _ | GE | GK ATSTRIT | | STATUTE CE | GE | æ | GE | ~ | GE | GE | and a | ~ |
| PER | | 7 | 92 6 | GE 5 | GE 4 | 3 | 2 1/2 | GE 2 | 1 1/2 | | GB 1 | 3/4 | GB 5/8 | 1/2 | 3/8 | GB 1/4 | GEE O |
| rba | 1 | , | • | , | • | , | 2 1/2 | - | 1 1/2 | 1 1/4 | - | 3/4 | 3/6 | 1/2 | 3/0 | 1/4 | U |
| •••• | •••• | | ••••• | ••••• | • • • • • • • | ••••• | ••••• | | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | | • • • • • • • | ••••• | • • • • • • |
| NO C | BIL | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| | | | | | | | | | | | | | | | | | |
| | 0000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| | 8000 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| | 6000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| | 4000 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 1 | 2000 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ~ 1 | 0000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 9000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.2 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | 5000 | 1.00.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER. | 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| = | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| _ | ,,,,,,, | 1.00.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER. | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | I | | | | | | | | | | | | | | | |
| Œ | 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | - • • • • • • • | | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

| Bili | NG. | | | | | | VISIBIL: | ITY IN | STATUTE | MI LES | | | | | | | |
|-------------|------|-------|-------|-------|--------------|-------|----------|--------|---------|--------|-------|-------|-------|-------|-------|-------|------|
| IM | | Œ | CE | Œ | GE | Œ | CE | Œ | GE | Œ | GE | Œ | GE | Œ | GE | Œ | CE |
| PEST | : | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ю св | nt | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88. |
| E 20 | 000 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92. |
| E 18 | 000 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93. |
| E 16 | 000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94. |
| E 14 | 000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96. |
| E 12 | 000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98. |
| E 10 | 000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99. |
| 3 9 | 000 | 99.6 | 99.6 | 99.6 | 99 .5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99. |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| z 6 | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| 3 5 | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| z 4 | 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| E 4 | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| E 3 | 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 3 | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | | 100.0 | 100.0 | | 100.0 | | | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100 |
| | 1 | 100.0 | 100.0 | | 100.0 | | _ | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | | 100.0 | 100.0 | | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| E 1 | 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| E 1 | .000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| B . | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| E | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| E | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| 8 | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| _ | | 100.0 | 100.0 | 100.0 | 100.0 | | | | | 100.0 | | | 100.0 | | 100.0 | 100.0 | 100 |
| | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| - | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| _ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| * | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| E | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN HOURS: 09-11

| | | | | LST | TO UTC | : + 8 | | | | | MONTH: | JUN | HOURS: | 09-11 | | | |
|-----------|--------------|---------------|---------------|--------------|---------------|---------------|----------------|--|----------------|--------------|---------------|--------------|---------------|---------------|--------------|---------------|----------------|
| CRII | .TEG | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | VISIBIL | ······································ | STATEM | MTT.RR | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• |
| 11 | | GE | Œ | CE | Œ | CE | GE | GE | GE | GE | CIE : | GR | Œ | GE | GE. | GE | Œ |
| 710 | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | | | | | | | | | | | | | |
| | [| | | | | | | | | | | | | | | | |
| 100 | BIL | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| | | | | | | | | | | | | | | | | | |
| | 18000 | 93.7 93.9 | 93.7 93.9 | 93.7 93.9 | 93.7 93.9 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 | 93.8 94.0 |
| | 16000 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| | 14000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| | 2000 | 96.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| | | 20.0 | | | 20.0 | 30 | 30.0 | ,,,,, | 3011 | | | 2011 | | 2000 | | | |
| GE /1 | 10000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| Œ | 9000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 6000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 7000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 6000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| æ | 5000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| | 4500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Æ | 4000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| G | 3500 3000 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 |
| • | 3000 | 33.3 | 33.3 | 33.3 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <u>a</u> | 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| 4 | 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ. | 900 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 700 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 100.0 | 100.0 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 |
| • | 600 | 77.7 | 77.7 | 77.7 | 77.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| = | 400 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <u>a</u> | 300 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | 200 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | • • • • • | • | | • • • • • • | | • • • • • • • | | | | | | | | | | • • • • • • • | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CRILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN HOURS: 12-14

| | | | | TOT | 10 010 | | | | | | routh. | UUM | BOOKB. | 12-14 | | | |
|------------|-------------|-------|---------------|---------------|---------------|---|-----------------|-------|-----------------|-------|---------------|-------|--------|---------------|-------|---------------|-------------|
| OPT | LING | ••••• | • • • • • • • | • • • • • • • | ••••• | • | | | STATUTE | MTTEG | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • |
| | | _ | | _ | - | | | | | | - | _ | an. | | - | - | |
| | | æ | GE | Œ | CE | Œ | GE | CE | GE | GE | GE | GE | GR | GE (C | GE | GE | GE |
| FE | er i | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• |
| | | | | | | | | | | | | | | | | | |
| MO (| CELT | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| | | | | | | | | | | | | | | | | | |
| | 20000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| | 18000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| | 16000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| | 14000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE : | 12000 | 97.7 | 97.7 | 97.7 | 97.7 | 9 7.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| | I | | | | | | | | | | | | | | | | |
| GE : | 10000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CE | 9000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CE | 8000 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE | 7000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 6000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 1 | | | | | | | | | | | | | | | | |
| CE | 5000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 4500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 4000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 3500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 3000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| CE | 2500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 2000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 1800 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 1500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1200 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 2224 | | | | | | | | | | | | | | | |
| CE | 1000 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 900 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 800 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 700 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE. | 600 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 33.0 | 33.0 | 33.3 | ,,,, | 23.3 | <i>33.3</i> | 22.2 | ,,,, | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 400 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 300 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 100 | | 99.8 | | | | | | | 99.9 | | | | | | | |
| V D | 100 | 99.8 | 37.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 000 | 00 = | 00 0 | 00.0 | 99.9 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 100.0 | 100.0 | 100 0 | 100 0 | 100 0 | 100 0 | 100 0 |
| VB | wol | 99.8 | 99.8 | 99.9 | 77.7 | 99.9 | 99.9 | 99.9 | 99.9 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 ~ SEP 91
LST TO UTC: + 8 MONTH: JUN HOURS: 15-17

| | | | | 101 | 10 010 | | | | | | | 004 | | 15-11 | | | |
|---------------|----------|-------|---------------|---------------|---------------|-------------|---------------|-------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-----------------|-----------|
| | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | | | | | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • • | ••••• |
| CRILI | . | | _ | | | | VISIBIL: | | _ | | _ | | | | | | _ |
| IN | | CE | æ | GE | Œ | GE | GE | GE | GE . | GE | Œ | GE | GE | GE | GE | GE | Œ |
| PAST | , | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | • • • • | | • • • • • • • | | | • • • • • • | • • • • • • • | | • • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | | • • • • • |
| | 1 | | | | | | | | | | | | | | | | |
| NO CE | IL | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| | 1 | | | | | | | | | | | | | | | | |
| CER 20 | ooo l | 92.7 | 92.7 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| CK 18 | 000 | 92.8 | 92.8 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| CER 16 | | 93.7 | 93.7 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 14 | | 96.9 | 96.9 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| QE 12 | ¥ | 97.4 | 97.4 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GB 12 | w | 37.4 | 37.4 | 3/./ | 97.0 | 37.3 | 31.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 97.3 | 37.3 | 31.3 | 31.3 | 37.3 |
| | | | | | | | | | | ^ 2 | | | | | 00.3 | | |
| CE 10 | | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| | 000 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| | 000 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 7 | 000 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 6 | 000 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | ı | | | | | | | | | | | | | | | | |
| CE 5 | 000 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4 | 500 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 4 | 000 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 3 | 500 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | ,,,, | 33.0 | 33.0 | ,,,, | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | | | | | | | |
| CE 2 | 500 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 800 | | | | | | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | | 100.0 | | | 100.0 | | | | | | |
| | 500 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | l | | | | | | | | | | | | | | | | |
| | 000 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 900 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 700 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | ı | | | | | | | | | | | | | | | | |
| CE | 500 l | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 400 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 300 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| - | -~ | 37.0 | 37.0 | 77.0 | 77.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER (| 000 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100 0 | 100.0 | 100.0 | 100.0 | 100 0 | 100 0 |
| 45 | ·· | 77.0 | 77.U | 33.4 | yy. y | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: MELLIS AFB/LAS VEGAS NV PERTOD OF RECORD: OCT 81 - SEP 91 MONTE: JUN HOURS: 18-20 LST TO UTC: + 8 CRILING VISIBILITY IN STATUTE MILES Œ GE GE GE 3 2 1/2 2 CIR CIR THE Œ GR Œ GR GR GR CIR. GR 7 1 3/4 FEST 6 5 4 1 1/2 1 1/4 5/8 1/2 3/8 1/4 0 NO CRIL 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 GE 200001 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 GR 18000 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 GR 16000 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 97.1 97.1 97.1 GE 14000 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 GE 12000 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 GR 10000 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 GR 9000 QR.Q 98.9 QR.Q 98.9 QA.Q 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 GE 8000 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GB 7000 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.B 99.8 GR 6000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 5000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 4500 100.0 4000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 3500 100.0 100.0 100.0 100.0 100.0 GE 3000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 2500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1800 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CR 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **CR** 1500 100.0 100.0 100.0 100.0 100.0 1200 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 900 100.0 Œ 800 100.0 100.0 100.0 100.0 100.0 100.0 CE 700 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 600 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE 400 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 300 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **GE** Œ 200 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: JUN HOURS: 21-23 LST TO UTC: + 8 CRILING VISIBILITY IN STATUTE MILES GE GE 2 1/2 2 GR GR TN GE Œ Œ Œ GR Œ GR CZR. GR Œ GR æ 7 6 FERT 5 4 3 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 0 MO CEIL 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 CER 20000 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 CE 18000 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 CE 16000 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 GE 14000 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 **CE 12000** 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 GE 10000 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 CER 9000 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 Œ 8000 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 Œ 7000 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 Œ 6000 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99. A 99.8 99.8 99.R 99.8 Œ 5000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 4500 Œ 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 4000 99.9 99.9 99.9 Œ 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 3500 Œ 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 æ 3000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 2500 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 2000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 1800 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 1500 æ 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 1200 Œ 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 1000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 900 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 800 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 700 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 CE 600 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 500 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 400 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 300 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 200 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 Œ 100 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 000 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUN HOURS: ALL

| | | | LST | 10 010 | : + 8 | | | | | MONTH: | JUN BU | OKS: AL | ь | | | |
|---------|---------------------------------------|-----------|---------------|---------------|-------|---------|----------|---------|-------|---------------|---------------|---------|---------------|-------|---------------|-------|
| CRILING | • • • • • • • • | ****** | • • • • • • • | • • • • • • • | ••••• | VISIBIL | TTY IN | STATUTE | MILES | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• |
| IN | CE | GB | GE | GB | GE | GE | GB | GB | GE | GE | Œ | GE | GE | GE | Œ | GE |
| FEET | 1 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | , , , , , , , , , , , , , , , , , , , | | | - | | | - | | , - | <u>-</u> | | | | | | |
| | 1 | | | | | | •••• | | | | | •••• | | | | ***** |
| NO CEIL | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| | | | | | | | •••• | | | | | | | | | ***** |
| GE 2000 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 1800 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 1600 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 1400 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 1200 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| - | | | | | | | | | | | | | | | | |
| GE 1000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 900 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 800 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | |
| GE 500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 450 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 350 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | |
| GE 250 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 180 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 150 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 120 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GB 100 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 90 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 80 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 70 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 60 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GB 50 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 40 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 30 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 20 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 10 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | . | | | *** | 400.5 | | 400.5 | 400.5 | | 400 - | | | | | |
| GE 00 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | - | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: JUL HOURS: 00-02

| •••• | •••• | • • • • • • | | | | • • • • • • • | • • • • • • • | ••••• | | | ••••• | | • • • • • • • | | • • • • • • | ••••• | • • • • • • |
|-----------|-------|-------------|---------------|-------|---------------|---------------|---------------|------------------|---------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|
| CEII | | | | | | | VISIBILI | | | | | | | | | | |
| IN | | CE | Œ | Œ | Œ | CE | GE | GE | Œ | GE | Œ | GE | Œ | GE | Œ | 3E | Œ |
| PIO | T | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | ••••• | | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | •••• |
| 10 C | EIL | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| | | | | | | | | | | | | | | | | | |
| CB 2 | 0000 | 89.8 | 89.8 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ØB 1 | 8000 | 89.9 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| | 6000 | 91.0 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| | 4000 | 94.5 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| CE 1 | 2000 | 96.6 | 96.6 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| | | | | | | | | | | | | | | | | | |
| | .0000 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| Œ | 9000 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| Œ | 8000 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| | 7000 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| Œ | 6000 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| Œ | 5000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE GE | 4500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CER. | 4000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE | 3500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 3000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| - | 3000 | 33.0 | 33.0 | 33.0 | 33.0 | 33.3 | 33.3 | 33. 3 | 33.3 | 23.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 100.0 | 100.0 |
| Œ | 2500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE | 2000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| QE. | 1800 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 1500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 1200 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 900 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 800 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE | 700 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 600 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 400 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 300 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 200 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE. | 100 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 00.0 | 99.9 | 00.0 | 00.0 | 99.9 | 00.0 | 00.0 | 00.0 | 00.0 | 100 0 | 100 0 |
| 46 | است | 22.0 | 33.0 | 33.6 | 33.0 | 33.3 | 99.9 | 37.7 | 99.9 | 99.9 | 33.3 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUL HOURS: 03-05 CRILING VISIBILITY IN STATUTE MILES Œ IN GE Œ GE GE CE Œ GE GE 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 FEET 7 6 5 4 0 80.9 80.9 86.2 86.2 86.6 86.6 86.2 86.2 86.6 86.6 GE 20000 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 GR 18000 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 CE 16000 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88.0 93.9 CR 14000 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 GE 12000 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 GR 10000 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 9000 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 99.8 99.8 99.8 99.8 99.8 GR 8000 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 7000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **6000 100.0** 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE GR 4000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 3000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ar CH. 2000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1800 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE 1500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **GR** 1200 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **CR** 1000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE 900 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CR 800 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ŒR 700 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 600 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GR 500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CR 400 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 300 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 200 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CR 000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL BOURS: 06-08

| | | | | LST | TO UTC | :: + 8 | | | | | WWIII: | JOL | BOURS: | | | | |
|-------------|-------------------------------------|-------------------|--------|-------|---------------|--------|------------|-------|-------|---------------|---------------|-------|--------|--------|-------|-------|-------|
| CETI | CEILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
| II | | i de | Œ | GR | Œ | GE | CE ATOTETE | GE | GE | GE | Œ | GE | Œ | GE | GE. | GE | GE |
| PE | | 7 | - W.S. | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| PM | 5 X | ' ' | • | 9 | • | 3 | 2 1/2 | - | 1 1/2 | 1 1/4 | • | 3/4 | 376 | 1/2 | 3/6 | 1/4 | · |
| •••• | •••• | : · · · · · · · · | ••••• | ••••• | • • • • • • • | ••••• | ••••• | | ••••• | • • • • • • • | • • • • • • • | ••••• | ••••• | •••••• | ••••• | ••••• | |
| NO 0 | TRII. | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| | | | | **** | | ***** | | | ***** | | | •••• | - | | | | •••• |
| CER 2 | 20000 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| | 18000 | | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| CE 1 | 6000 | • | 86.7 | 86.7 | 85.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| | 4000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| CE 1 | 2000 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| | | | | | | | | | | | | | | | | | |
| CE 1 | 10000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| Œ | 9000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| Œ | 8000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | | | | | 100.0 | | 100.0 | | | | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | _ | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 | _ | | 100.0 | | | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | l | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | | | | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| A | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CZ. | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | | | | | | | 400.5 | | | | | | | |
| Œ | 000 | 1100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL HOURS: 09-11

| | | | | F21 | TO UTC | : + 8 | | | | | MOM IN: | JOF | HOURS: | 09-11 | | | |
|-----|--------------|--------------------|---------------|---------------|---------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|---------------|
| CRI | LING | • • • • • • • | ••••• | • • • • • • | ••••• | ••••• | VISIBIL | ITY IN | STATUTE | MILES | • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• |
| 1 | | ce | GE | Œ | CE | Œ | GE | CZE | GE | Œ | GE | GE | GE | GE. | GE | CE | CE |
| 72 | - | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | | • • • • • • • • | | | | | | | | | • • • • • • | | | • • • • • • • | ••••• | | ••••• |
| MO | CEIL | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| | 20000 | | | | | | 07.1 | A7 1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| | 18000 | 87.1 87.3 | 87.1 87.3 | 87.1 87.3 | 87.1 87.3 | 87.1 87.3 | 87.1 87.3 | 87.1 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| | 16000 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| | 14000 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| | 12000 | | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 45 | 12000 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.5 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| GE | 10000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| CE | 9000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| CE | 8000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 7000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| Œ | 6000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| _ | | | | | | | | | | | | | | | | | ~ ~ |
| GE | 5000 4500 | | 99.9 | 99.9 | 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 | 99.9 99.9 | 99.9 | 99.9 99.9 | 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 | 99.9 |
| GE | | 99.9 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 | 100.0 | 100.0 | 99.9 100.0 | 100.0 | 99.9 100.0 | 100.0 | 99.9 100.0 | 100.0 | 100.0 | 100.0 | 99.9 100.0 | 99.9 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 3000 | 1.00.0 | 100.0 | 200.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 1 | | | | | | | | | | | | | | | |
| CE | | 100.0 | 100.0 | | 100.0 | | | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | | 100.0 | | | | 100.0 | _ | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | | 100.0 | | | | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| CE | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | | | 100.0 | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | _ | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | | | | | | 100.0 | | | | 100.0 | 100.0 | | 100.0 | 100.0 |
| | | | | | | | | | - | | | | | - | | | |
| CE | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | • | | | | | | | | | | | | | • | | |

PERCENTAGE PROQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL HOURS: 12-14

| | | | | 101 | IO UIC | | | | | | HARTE: | 301 | acono. | 12-14 | | | |
|-------------|--------|-------------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|-------|-------------|---------------|---------------|---------------|---------------|---------------|-------------|
| CEIL | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | •••••• | | | STATUTE | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | | ••••• |
| | | ~ | _ | | _ | | | | | | ~ | | _ | ~ | _ | - | _ |
| IN | _ | GE | Œ | GE | Œ | GB | GE (C | CE | GE . | GE . | CE | GE | GE | GB | Œ | GE | Œ |
| PES | , 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | •••• | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • |
| | | | | | | | | | | | | | | | | | |
| MO CI | BIL | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| | ı | | | | | | | | | | | | | | | | |
| CE 20 | | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE 18 | | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE 16 | 5000 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| CE 14 | 1000 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 |
| CE 12 | 2000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 |
| | | | | | | | | | | | | | | | | | |
| CE 10 | 2000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 |
| CE 9 | 2000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 |
| CE 8 | 9000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| QE 7 | 7000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| CE (| 5000 l | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| | | | | | | | | | | | | | | | | | |
| az : | 5000 l | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| CE 4 | 1500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| | 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 3500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | 72.5 | ,,,, | | ,,,, | ,,,, | ,,,, | ,,,, | ,,,, | 33.5 | 23.3 | 33.3 | 22.2 | ,,,, | 100.0 | 200.0 | 100.0 |
| COR 2 | 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | 33.3 | ,,,, | ,,,, | ,,,, | " | ,,,, | 22.3 | 37.3 | 33.7 | ,,,, | 33.3 | ,,,, | 77.7 | 100.0 | 100.0 | 100.0 |
| at 1 | 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| œ ' | 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| <u>-</u> | 800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| æ | 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| <u> </u> | 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| - | ~ | 33.3 | 77.7 | 33.3 | 77.7 | 33.3 | 33.3 | 77.7 | 77.7 | 37.3 | 33.3 | 37.3 | 77.7 | 77.7 | 100.0 | 100.0 | 100.0 |
| Œ | 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| <u>a</u> | 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | 99.9 | | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | |
| | 300 | 99.9 | | | 99.9 | | | 99.9 | 99.9 | | 99.9 | | | | | | 100.0 |
| æ | 200 | | 99.9 | 99.9 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| æ | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | ~~ ~ | | . | | | | | | | | | . | | 100 5 | 400.0 | |
| æ | 000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

TOTAL MARKET OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | | | LST | TO UTC | : + 8 | | | | | MONTH: | JUL | HOURS: | 15-17 | | | |
|---------|--------|-----------------|---------------|----------------|---------------|----------------|-------------|-------|-----------------|-------------|-------------|---------------|---------------|---------------|---------------|-------------|---------|
| | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | | | • • • • • • • • | | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• |
| | Ling ' | | | _ | | | VISIBILI | | | | | _ | | _ | | | |
| I FE | | 928 7 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GB | GE 1 1/4 | GE 1 | GE 3/4 | GR 5/8 | GE 1/2 | GB 3/8 | GB 1/4 | GE O |
| | PT | • | 0 | 9 | • | 3 | 2 1/2 | 4 | 1 1/2 | 1 1/4 | 1 | 3/4 | 3/6 | 1/2 | 3/6 | 1/4 | U |
| ••• | | | ••••• | • • • • • • • | | • • • • • • | ••••• | ••••• | ••••• | | • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | ••••• |
| NO | CEIT | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE | 20000 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| CE | 18000 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| CE | 16000 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE | 14000 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| Œ | 12000 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| | | | | | | | | | | | | | | | | | |
| | 10000 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GB | 9000 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| CE | 8000 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| CE | 7000 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE | 6000 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| GE | 5000 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 4500 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE | 4000 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 3500 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| Œ | 3000 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| _ | | | • | | | | | | | | | | | | | | |
| GE | 2500 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE | 2000 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE | 1800 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE | 1500 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE | 1200 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 1000 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 900 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE | 800 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 700 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 600 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| GE | 500 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| Œ | 400 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 300 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 200 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 100 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE | 000 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL PURBER OF COSERVATIONS 930

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: JUL BOURS: 18-20

| (T) | LING | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | VISIBILI | THE THE | | MTT.DO | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • | | • • • • • • |
|-----------|-----------|-------------|---------------|-------------|---------------|-------------|-----------------|-----------|---------------|--------|-------------|---------------|---------------|---------------|-------------|---------------|-------------|
| I | | CTE. | Œ | CE | CER. | CE | CE | CE | CE CINIUIS | GE | Œ | GE | Œ | GE | Œ | GE | Œ |
| _ | | 7 | 6 | 5 | 4 | | | | | | | _ | | _ | | | |
| PE | ET | • | • | 2 | • | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | | | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • |
| | | | | | | | | | | | | | | | | | |
| MO. | CKIL | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| | | | | | | | | | | | | | | | | | |
| Œ | 20000 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| CE : | 18000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 98.4 | 88.4 | 88.4 | 88.4 |
| Œ | 16000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| Œ | 14000 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| CE : | 12000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | 1 | | | | | | | | | | | | | | | | |
| Œ | 10000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| CE. | 9000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| CE | 8000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| <u>a</u> | 7000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| <u>a</u> | 6000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | 99.9 | 100.0 | |
| - | •••• | 33.0 | 77.0 | 33.0 | 77.0 | 33.0 | 33.0 | 77.0 | 77.7 | 33.3 | 77.7 | 33.3 | 77.7 | 99.9 | 39.9 | 100.0 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| æ | 5000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 4500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE | 4000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 3500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 3000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 2500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 2000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE. | 1800 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 1500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 1200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE | 900 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 800 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| a | 700 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| œ | 600 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| _ | 000 | 22.0 | ,,,, | 33.0 | ,,,, | 33.0 | 33.0 | 37.0 | 33.3 | 37.3 | 22.2 | 33.3 | 33.3 | 33.3 | 33.3 | 100.0 | 100.0 |
| æ | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 00.0 | 00 0 | 00.0 | 00.0 | 00.0 | ~ ~ | ~~ ~ | 100 0 | 100.0 |
| <u> </u> | 400 | 99.8 | 99.8 | 99.8 | 99.8 | | | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 300 | 99.8 | 99.8 | 99.8 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ | 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| 4 | 100 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ••• | • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • | • • • • • • • | | • • • • • • | | | • • • • • • | • • • • • • | ••••• | • • • • • • |
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TOTAL MARKE OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUL HOURS: 21-23 CRILING VISIBILITY IN STATUTE MILES TW GE Œ GE GE GE GE **GR** Œ CR Œ GR FEET 7 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 0 CE 20000 90.0 90.0 90.0 GE 18000 90.2 90.2 90.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 CE 16000 91.2 91.2 91.2 91.2 91.2 95.3 GR 14000 94.9 94.9 94.9 95.1 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 96.3 96.3 CR 12000 96.0 96.0 96.0 96.1 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 98.1 98.1 98.1 GR 10000 97.7 97.7 97.7 97.8 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 GE 9000 98.6 98.6 98.6 98.7 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.7 99.7 GE 8000 99.2 99.2 99.2 99.4 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE 7000 99.5 99.5 99.5 GE 6000 99.5 99.5 99.5 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CR 5000 99.5 99.5 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4500 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GH. 99.5 99.5 99.5 4000 99.5 99.5 99.5 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ CE 3500 99.5 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 99.5 GR 3000 99.5 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 99.5 GE 2500 99.5 99.5 99.5 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CIR. 2000 99.5 99.5 99.5 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL HOURS: ALL

| | | | | 10 010 | • • • | | | | | richtii. | 000 00 | JIG. AL | • | | | |
|----------------|-------|---------------|---------------|---------------|-------------|---------------|-----------|---------------|-------|----------|---------------|---------------|-------------|---------------|---------------|-------------|
| | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | | | | | ••••• | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • |
| CRILING | | | | | | VISIBILI — | | | | _ | | _ | | | | |
| IN | GE | CE | Œ | Œ | GE | GE | GB | GE . | GB | Œ | GE | Œ | GE | GE | GE | Œ |
| FEET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • | • • • • • • • | | •••• | • • • • • • | | • • • • • • | • • • • • • | • • • • • • | • • • • • |
| | | | | | | | | | | | | | | | | |
| MO CEIL | 60.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| | ſ | | | | | | | | | | | | | | | |
| GE 20000 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 18000 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| CE 16000 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 14000 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 12000 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 |
| | l | | | | | | | | | | | | | | | |
| CER 10000 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 9000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 8000 | | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GB 7000 | | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| CE 6000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | ,,,, | 33.0 | 33.0 | 33.0 | ,,,, | 33.0 | 33.3 | 33.3 | 77.7 | 73.3 | ,,,, | 33.3 | 33.3 | 23.3 | 33.3 |
| CE 5000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 4500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 4000 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | | | | | | |
| | 99.8 | 99.8 | | 99.9 | | 99.9 | | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | 99.8 | | 99.9 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 3000 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| CE 2500 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 2000 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 1800 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 1500 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 1200 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GE 1000 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 900 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| Œ 600 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 700 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 600 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GE 500 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 300 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 200 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | 22.2 | | | | | | |
| CEE 000 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | ••••• | | | | | | •••• | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: AUG HOURS: 00-02

| • • • • | • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | | | | • • • • • • | ••••• | ••••• | ••••• | ••••• | | ••••• |
|--------------|------------|-------|-------------|---------------|-------|---------------|---------------|-------------|---------------|---------------|---------------|---------------|-------|-------------|-------|-------------|-------|
| CEIL | | | | | | | | | STATUTE | | | | | | | | |
| IN | | Œ | GE | Œ | GE | Œ | GE | Œ | GB | Œ | GE | GE | GE | GE | GE | Œ | GE |
| FER | 1 T | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | • • • • • | ••••• | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • | ••••• |
| 10 C | | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| MO C | | 80.3 | 60.3 | ou. • | 60.4 | 00.4 | OU.4 | 80.4 | 00.4 | 50.4 | 80.4 | OU.# | 80.4 | 80.4 | | 80.4 | 00.4 |
| CE 2 | 0000 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| OE 1 | 8000 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 0.88 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| CE 1 | 6000 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| CE 1 | 4000 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 1 | 2000 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| α ₽ 1 | 0000 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| | 9000 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| | 8000 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | 7000 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | 6000 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| - | | | | | | | | 2200 | | 2200 | | | | | | | |
| GE | 5000 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 4500 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.Å |
| CE | 4000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 3500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 3000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | 2500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 2000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GR. | 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CIE . | 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE. | 800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.L | 100.0 |
| CE | 400 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | • • • • • • • | • • • • • • | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: AUG HOURS: 03-05

| | | | | | | | | | | | | | | •• •• | | | |
|----------|------------|-------------|---------------|-------|---------------|-------|---------------|-------------|---------------|---------------|---------------|-------|-------------|-------------|---------------|-------------|-----------|
| ••• | • • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| | LING | | | | | | | | STATUTE | | | | | | | | |
| 1 | N. | GE | æ | GE | Œ | GE | Œ | GE | Œ | GE | GE | GE | Œ | GE | GE | GE | GE |
| F | 5 T | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | | | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | | | | | |
| MO | CEIL | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| | | | | 0200 | | | | | •••• | | | | | | | | |
| æ | 20000 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| | 18000 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| | | | | | | | | | | | | | | 88.2 | | | |
| | 16000 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 68.2 | 88.2 | 88.2 | 88.2 | | 88.2 | 88.2 | 88.2 |
| | 14000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| Œ | 12000 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| | | Ī | | | | | | | | | | | | | | | |
| Œ | 10000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| Œ | 9000 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| Œ | 8000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| Œ | 7000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 6000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | | | | | | | _ | | | | | | | | | | |
| æ | 5000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 4500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3500 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 100.0 | | | | | | | | _ | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| œ | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | l | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | - | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | l | | | | | | | | | | | | | | | |
| Œ | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| Œ | 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | 100.0 | | 100.0 | 100.0 | 100.0 |
| A | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | | |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | l | | | | | | | | | | | | | | | |
| Œ | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••• | | • • • • • • | • • • • • • • | | • • • • • • • | ••••• | | | | | | | | • • • • • • | • • • • • • | | • • • • • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: AUG HOURS: 06-08

| | | | | 10.1 | 10 010 | | | | | | 170411111 | 2100 | LOUID. | 0000 | | | |
|---------|--------------|-------|-------------|---------------|--------|---------------|---------|-------------|---------------|---------------|---------------|---------------|--------|---------------|---------------|-------------|-------------|
| • • • • | • • • • • | ***** | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • |
| CEIL | ING . | | | | | | VISIBIL | ITY IN | STATUTE | | | | | | | | |
| IN | ' | Œ | GT: | GB. | GE | Œ | GE | GB | GE | Œ | GE | Œ | GB | Œ | GE | Œ | GE |
| PER | T | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | |
| NO C | 977. I | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| | | 03.1 | 03.1 | 93.1 | 03.1 | 03.1 | 03.1 | 03.1 | 05.1 | 03.1 | 03.1 | 03.1 | 03.1 | 03.1 | 03.1 | 03.1 | 03.1 |
| | | | | | | | | | | | | | | | | | |
| | 0000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86. | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| | 8000 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| CE 1 | 6000 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 1 | 4000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| CE 1 | 2000 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| | | | | | | | | | | | | | | | | | |
| CR 1 | .0000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| | 9000 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| | 8000 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | | | | | | | | | | | | | | | | | |
| | 7000 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | y9.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| CE | 6000 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | | | | | | | | | | | | | | | | | |
| CE | 5000 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GB | 4500 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE | 4000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 3500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 3000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 22.2 | ,,,, | 200.0 | 100.0 | 200.0 | 100.0 | 100.0 | | 200.0 | 100.0 | 200.0 | 100.0 | 100.0 | 100 | 200.0 | 100.0 |
| GE | 2500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | 2000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 700 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| OD. | ~~ | 33.3 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| GE | 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 400 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 300 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | • | | | • • | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: AUG HOURS: 09-11

| ADDITION AND AND AND AND AND AND AND AND AND AN | | | | | | | | | | | | | | | | | |
|---|--------|-------|---------------|---------------|---------------|-------------|---------------|-------------|-------|-------------|---------------|-------|---------------|-------|-------------|---------------|-------------|
| CEILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
| IN | _ | GE | Œ | GE | Œ | GB | Œ | GE | GB | GE | GE | GE | GB | GE | GE | GB | Œ |
| PERI | : | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | •••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • |
| NO CE | ,,, | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 30 CE | "" | 93.3 | 03.3 | 03.3 | 03.3 | 03.3 | 63.3 | 63.3 | 63.3 | 03.3 | 63.3 | 03.3 | 03.3 | 03.3 | 03.3 | 63.3 | 63.3 |
| GB 20 | 000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 18 | | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GB 16 | | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GB 14 | 1 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GB 12 | | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | | | | | | | | | | | | | | | | | 2000 |
| CE 10 | 2000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| CE 9 | 2000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| CE 8 | 1000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 7 | 1000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 6 | 5000 l | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | | | | | | | | | | | | | | | | | |
| GB 5 | 000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4 | 500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4 | 1000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE 3 | 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 3 | 1000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | 1 | | | | | | | | | | | | | | | | |
| | 2500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1 | 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 48 | 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.S | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | -~ | 33.3 | 22.3 | 77.7 | 22.3 | 77.7 | 33.7 | 22.3 | 77.7 | 22.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 23.B | 100.0 | 100.0 |
| | | | • • • • • • • | | | | | ••••• | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTH: AUG HOURS: 12-14

| NOT TO UTC: 4 0 PORTS: AUG BOOKS: 12-14 | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|--------------|---------------|---------------|---------------|---------------|-----------------|-------|-----------------|-------------|-------------|-------------|-------------|---------------|-------|---------------|-------------|
| ~===== | CRILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | • • • • • • | |
| | ٠, | _ | | _ | | | | | | | 47 | - | - | - | | | |
| IN | - 1 | Œ | GE | Œ | GE | GE | GE | Œ | GE . | GE . | GE | GE 2 (4 | GE C (0 | GE 4 (2 | GE | GE | GE |
| FEET | - 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/_ | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | •••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | • • • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • |
| | _ | | | | | | | | | | | | | | | | |
| NO CEI | ւլ | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| | _ [| | | | | | | | | | | | | | | | |
| GE 200 | | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GB 180 | | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 160 | | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 140 | 00 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 120 | 00 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| | | | | | | | | | | | | | | | | | |
| GB 100 | 00 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 90 | 00 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 80 | 00 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 70 | 00 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 60 | 00 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | - 1 | | | | | | | | | | | | | | | | |
| GE 50 | 00 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 45 | ool | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 40 | ool | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 35 | 00 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 30 | 00 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| GE 25 | 00 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GB 20 | | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 18 | | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 15 | | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 12 | | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | 22 | | | | | | | | |
| GE 10 | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | ٦ | 33.0 | ,,,, | 33.3 | 33.3 | 33.3 | ,,,, | 22.7 | 33.3 | 23.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 5 | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | 99.9 | 100.0 | 100.0 | | 100.0 | 100.0 | | |
| | 00 | 99.8 | | | | | | 99.9 | 99.9 | | | | 100.0 | | | 100.0 | 100.0 |
| VB 1 | ~ | 77. 0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | <u>~</u> [| 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 00.0 | 00.0 | 00.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100 0 | 100.0 |
| ₩D U | vo! | 77. 0 | 77.7 | 77.7 | 33.3 | 77.7 | 33.3 | 99.9 | 99.9 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: HELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 HOWTH: AUG HOURS: 15-17

| CRI | CBILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|------|-------------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | N | GE | Œ | GE | GE | GE | Œ | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | BT . | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | | ••••• | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | |
| NO | CRIL | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| | • | | | | | | | | | | | | | | | | |
| Œ | 20000 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| | 18000 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| | 16000 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| Œ | 14000 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| Œ | 12000 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| | | | | | | | | | | | | | | | | | |
| | 10000 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| Œ | 9000 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| Œ | 6000 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| CE | 7000 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| Œ | 6000 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| _ | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 4500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 4000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | 1200 | 33.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 200.0 | 100.0 | 100.0 | 100.0 | 200.0 | 100.0 | 100.0 |
| Œ | 1000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CZE. | 900 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: AUG BOURS: 18-20

| | | | 101 | . 10 010 | | | | | | FAMILIA. | AUG | Books. | 10-20 | | | |
|----------------|-----------------|------|---------------|----------|---------------|---------|--------------|--------------|---------------|---------------|-------------|--------|---------------|-------|---------------|-------------|
| CEILING | • • • • • • • • | | • • • • • • • | ••••• | • • • • • • • | VISIBIL | | CONSTRUCTION | MTTDO | | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • |
| IN | l cas | GE | Œ | GE | GE | GE CE | CER | GE | GE | GR | GE | GE | GIR | GE | Œ | GE |
| FEET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| PBET | 1 ' | • | 9 | • | 3 | 2 1/2 | 4 | 1 1/2 | 1 1/4 | | 3/4 | 3/6 | 1/2 | 3/8 | 1/4 | U |
| ••••• | i | | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | ••••• | • • • • • • • | ••••• | | ••••• |
| NO CEIL | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| NO CELL | 1 /3.0 | 73.0 | 73.0 | 73.0 | 75.0 | 75.0 | 75.0 | 73.0 | 73.0 | 75.0 | 75.0 | 75.0 | 75.0 | 73.0 | 75.0 | 73.0 |
| GE 20000 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 18000 | | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 16000 | | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 68.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 14000 | | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 12000 | | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 45 1100 | 1 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 |
| GE 10000 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GK 9000 | | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 8000 | | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 7000 | | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 6000 | | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ••• | 1 | | | | | | | | | | | | | | | |
| GE 5000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 4500 | | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 4000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | |
| GE 2500 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 200.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GE 1000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GB 500 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 200 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 100 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GE 000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | - | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: AUG HOURS: 21-23

| CEILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------|------|-------------|-------|---------------|-------|----------------|-------|-------|---------------|---------------|-------|-----------|-----------|-------|--------------|-------------|
| | | _ | | | _ | | | | | | ~ | - | ~ | and a | ~ | - | ATP. |
| I | | CE | Œ | GE | æ | GE | GE (C | GE | GR | GE . | GE | GE | GB 5/8 | GE 1/2 | GE . | GE | GIB |
| FE | er | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 3/0 | 1/2 | 3/8 | 1/4 | U |
| | · · · · · i | | • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • |
| RO (| CRIL | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| Œ: | 20000 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| CE : | 18000 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| CE : | 16000 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE : | 14000 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| CE : | 12000 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | | | | | | | | | | | | | | | | | |
| CE : | 10000 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| Œ | 9000 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98. 0 | 98.0 |
| Œ | 8000 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| Œ | 7000 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| Œ | 6000 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | - 1 | | | | | | | | | | | | | | | | |
| Œ | 5000 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Œ | 4500 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Œ | 4000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3500 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| Œ | 2500 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Æ | 2000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | 1500 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| Œ | 1200 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <u> </u> | 900 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | 800 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | 2200 | 22.0 | | | 200.0 | | | | 20000 | | | | 20000 | 20000 | | |
| Œ | 500 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: AUG BOURS: ALL

| | LST TO UTC: + 8 MONTH: AUG BOURS: ALL | | | | | | | | | | | | | | | |
|---------------|---------------------------------------|-------|---------------|--------|--------|-------|---------------|-------|---------------|-------------|-------------|-------|---------------|-------|---------------|--------|
| CEILING | CEILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | ••••• |
| IN | CE | GE | GE | GE | CE | GE | Œ | GE | GE | GE | CE | GE | CZE. | GE | GE | GE |
| FEET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| • • • • • • • | · i · · · · · · | ••••• | • • • • • • • | •••••• | •••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • | | • • • • • • • | ••••• | • • • • • • • | ••••• |
| NO CEII | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 2000 | 0 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 1800 | 0.88 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 87.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 1600 | 0 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| CE 1400 | 0 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GB 1200 | 0 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 1000 | | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 900 | | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 800 | | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 700 | | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 600 | 0 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 500 | 0 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GB 450 | 0 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 400 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 350 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 250 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1,00.0 |
| GE 200 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 180 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 150 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 120 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 90 | 0 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 80 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 70 | 0 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GR 60 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CRE 50 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 40 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 30 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 20 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 10 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | 2000 | | 100.0 | | 200.0 | |
| GE 00 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | • • • • • • | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: SEP HOURS: 00-02

| | | | | LST | TO UTC | : + 8 | | | | | AUNIE: | BEP | HOURS: | 00-02 | | | |
|-------------------------------------|-------|---------------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|-------|-------|-------|
| CRILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | ••••• | | |
| | N | i ox | Œ | CE | GE. | GE | QE CE | GE | GE | GE | GE | GE | GE | GE | Œ | GE | CE |
| | BT | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | | | ,- | | | | - | | | | | | |
| | | l | | | | | | | ••• | | | | | | | | |
| MO | CEIL | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| | | l | | | | | | | | | | | | | | | |
| Œ | 20000 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| Œ | 18000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| Œ | 16000 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| Œ | 14000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| Œ | 12000 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| | | l | | | | | | | | | | | | | | | |
| Œ | 10000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| CER. | 9000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| Œ | 8000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| Œ | 7000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| Œ | 6000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Œ | 4500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Œ | 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | _ | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | - | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| a | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | _ | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | *** | l | | | | | | 100 0 | | | 400.0 | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| Æ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | ^^^ | ٠ | 100 0 | 100 0 | 100 0 | 100 0 | 100.0 | 100.0 | 100 0 | | 100 0 | 100 0 | 100 0 | ••• | 100 0 | 100 0 | 100 0 |
| Œ | JU0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••• | | • • • • • • • | | | | | ••••• | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: SEP HOURS: 03-05

| | | | | 1001 | 10 010 | | | | | | MUNID: | OSP | BUVKS: | 03-05 | | | |
|-------|--------------|---------------------------------------|---------------|---------------|---------------|-------|---------------|----------|---------------|---------------|---------------|---------------|---------------|---------------|-------|---------------|-------|
| CRI | LING | • • • • • • | ••••• | ••••• | | | VISIBIL | | STATISTE | | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• |
| I | | l cz | GE | Œ | CE | Œ | CE | CE | GE | Œ | GE | GE | GE | Œ | GE | Œ | GE |
| PE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| *** | | , , , , , , , , , , , , , , , , , , , | | | • | | | - | | | . | | | | | | |
| | | İ | | | | | | | | | | | | | •••• | | |
| HO (| CEIL. | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| | | | | | | | | | | | | | | | | | |
| | 20000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| | 18000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| | 16000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| | 14000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| CE : | 12000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| _ | | | | | | | | | | | | | | | | | |
| | 10000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE | 9000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CE | 8000 7000 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 | 99.9 | 99.9 100.0 | 99.9 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 | 99.9 100.0 | 99.9 | 99.9 | 99.9 |
| GE | | 100.0 | 100.0 | | | 100.0 | | 100.0 | | | | 100.0 | | | 100.0 | 100.0 | 100.0 |
| GE | 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GR. | | 100.0 | 100.0 | | 100.0 | | | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| CE | | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | | | 100.0 | | 100.0 | | 100.0 |
| | | | | | | | | 200.0 | | | | | | 200.0 | 200.0 | | 200.0 |
| GE | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE. | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | Í | | | | | | | | | | | | | | | |
| GE | | 100.0 | 100.0 | 100.0 | | | | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| CE | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 100 0 | 100 0 | 100.0 | 100 0 | 100 0 | | 100 0 | 100.0 | 100 0 | | 100 0 | 100 0 | 100 5 | | | 400 0 |
| Œ | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • | •••• | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION MARBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: SEP HOURS: 06-08

| ••• | • • • • • | ••••• | • • • • • • • | • • • • • • • | | | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | | ••••• | | • • • • • • • | • • • • • • • | • • • • • • |
|-----------|------------|---------------|---------------|---------------|---------------|--------------|--------------|---------------|--------------|---------------|---------------|-------|---------------|-------|---------------|---------------|-------------|
| | LING | | | _ | | | | | STATUTE | | | | _ | | | | |
| _ | | GE | Œ | GE | Œ | GE | GE C | GE | Œ | GE | Œ | GE | GB . | GE | Œ | GE | Œ |
| r | 5 7 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | • • • • • | : · · · · · · | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • |
| NO. | CRIL | 81.0 | 81.0 | 81.6 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| | | | | | | | | | | | | | | | | | |
| | 20000 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| | 18000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| | 16000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 67. 7 | 87.7 |
| | 14000 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| Œ | 12000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| Œ | 10000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| Œ | 9000 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| Œ | 8000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 7000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 6000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.6 | 99.8 |
| Œ | 5000 | 99.8 | | 99.8 | 99.8 | • | | 99.8 | 00.0 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| <u> </u> | 4500 | 99.8 | 99.8 99.8 | 99.8 | 99.8 | 99.8 99.8 | 99.8 99.8 | 99.8 | 99.8 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| <u> </u> | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| <u></u> | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | | 100.0 | 100.0 | 100.0 | _ | 100.0 | | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | • | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: SEP HOURS: 09-11

| ••• | ••••• | | | | ••••• | • • • • • • • | | ••••• | | | • • • • • • | • • • • • • • | | | | | ••••• |
|-------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|
| | LING | | | _ | | | | | STATUTE | | | | | | | | |
| | H | GE . | GE | æ | GE | Œ | GE | Œ | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| FE | ET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | •••• | | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | ••••• | ••••• |
| ж | CRIL | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| CE | 20000 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 68.9 | 88.9 |
| Œ | 18000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| CE | 16000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE | 14000 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE | 12000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| | | | | | | | | | | | | | | | | | |
| | 10000 | | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| Œ | 9000 8000 | 97.6 99.0 | 97.6 99.0 | 97.6 | 97.6 | 97.6 99.0 | 97.6 | 97.6 99.0 | 97.6 99.0 | 97.6 99.0 | 97.6 99.0 | 97.6 99.0 | 97.6 99.0 | 97.6 99.0 | 97.6 99.0 | 97.6 99.0 | 97.6 99.0 |
| CE | 7000 | 99.0 | 99.0 | 99.0 99.1 | 99.0 99.1 | 99.0 | 99.0 99.1 | 99.0 | 99.0 99.1 | 99.0 | 99.0 | 99.0 99.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 99.1 |
| GE CE | 6000 | 99.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.4 | 99.1 | 99.4 | 99.1 | 99.4 | 99.1 | 99.1 | 99.1 | 99.1 |
| 45 | 8000 | 33.4 | 33.4 | 77.4 | 33.4 | 77.4 | 33.4 | 77.4 | 33.4 | 77.4 | 37.4 | 77.4 | 33.4 | 77.4 | 33.4 | 77.4 | 99.4 |
| CE | 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | | 100.0 | 100.0 | | 100.0 | | | | 100.0 | - | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CZ | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 130.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE. | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | | 100.0 | 100.0 | | | | | | 100.0 | | | | | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | | | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••• | • • • • • | | | | | | ••••• | | | | | • • • • • • • | | | | • • • • • • • | |
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PENCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: SEP HOURS: 12-14

| | | | | LST | TO UTC | : + 8 | | | | | MONTH: | SEP | BOURS: | 12-14 | | | |
|---------------|--|--------------|--------------|-------|--------|----------------|------------------------|--------|----------------|-------|---------------|-------|----------------|---------------|-------------|-------------|----------------|
| CRILIN | ···· | ••••• | • • • • • • | ••••• | ••••• | ••••• | VIRTRIT. | TTY IN | STATUTE | MILES | • • • • • • • | ••••• | • • • • • • | | ••••• | ••••• | |
| IN | Ĭ | GE | æ | GE | Œ | GE | QE. | GE | CE | GE | GE. | GE | GE | GE | Œ | GE | GE |
| FEET | - 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | ••• | | | ••••• | | ••••• | • • • • • • • | | ••••• | | • • • • • • | ••••• | | • • • • • • • | • • • • • • | | |
| | _ | | | | | | | | | | | | | | | | |
| MO CEI | <u>. </u> | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| GE 200 | l | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 180 | | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 160 | | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 140 | 00 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 120 | 00 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| | | | | | | | | | | | | | | | | | |
| GE 100 | | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | 00 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| | 00 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| | 00 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| CE 60 | 00 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GR 50 | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 45 | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | - | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | | |
| GE 25 | ∞ | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 20 | ∞l | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 18 | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 15 | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 12 | ᅇ | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 |
| | | 99.9 99.9 | 99.9 99.9 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| us 0 | ~ | 77.7 | 77.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| cz 5 | l | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | - · · · · - | | | | | | | _ | | _ | _ |
| CE 0 | 00 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••••• | •••• | • • • • • • | • • • • • • | ••••• | | ••••• | | | • • • • • • • | | • • • • • • | | • • • • • • | | | • • • • • • | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: SEP HOURS: 15-17

| | | | | LST | TO UIC | : + 8 | | | | | MONTH: | OBP | BOOKS: | 19-17 | | | |
|-----------|------|-------|-------|-----------------|--------------|-------|---------|--------------|----------|-------------|--------|-------------|--------|-------|-------------|---------------|-------|
| CEIL | TMQ | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• | VISIBIL | | STATISTR | MTLES | ••••• | ••••• | ••••• | ••••• | • • • • • • | • • • • • • • | ••••• |
| IN | _ | Œ | CE | GE | GR | Œ | GE | GE | GE | GE. | GE | GR | GE | GE | GE | Œ | GE |
| PEE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | | 1 1/4 | | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | - , | | | • • • • • • • • | . | | | - | | | - | | | _,_ | | _, - | |
| | 1 | | | | | | | | | | | | | | | | |
| NO C | BIL | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| | ł | | | | | | | | | | | | | | | | |
| GE 2 | 0000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 85.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| CE 1 | 8000 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| CE 1 | 6000 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 1 | 4000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| CE 1 | 2000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| | - 1 | | | | | | | | | | | | | | | | |
| | 0000 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| . – | 9000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| | 8000 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 7000 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 6000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| | 5000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 4500 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 4000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 3500 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 3000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CR | 2500 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 2000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| | 1800 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| | 1500 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| | 1200 | 99.8 | 99.8 | 99.9 | 99.9 | | 100.0 | | 100.0 | | | | 100.0 | | 100.0 | | 100.0 |
| - | | ,,,,, | ,,,, | ,,,, | 22.2 | 200.0 | 100.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 20010 | 200.0 | 100.0 | 200.0 |
| CE | 1000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 900 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 800 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 700 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 600 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 500 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 400 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 300 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 200 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • • | | | | | | | ••••• | | ••••• | • • • • • • | | • • • • • • | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | | LST | TO UTC: | : + 8 | | | | | MONTE: | SEP | HOURS: | 18-20 | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|-------------|-------------|---------|-------|---------------|-----------|-----------|---------------|---------------|---------------|---------|
| | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• | ••••• | | | • • • • • • | ••••• | | • • • • • • • | • • • • • • • | • • • • • • • | ••••• |
| CRILING | | _ | ~ | ~ | | VISIBIL | | STATUTE | GE | ~ | | 770 | CD | -70 | an a | æ |
| PEET | GE 7 | GR 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | 1 1/2 | | GE 1 | GE 3/4 | GB 5/8 | GE 1/2 | GE 3/8 | GE 1/4 | GE O |
| FDDA | , , | | | | | 2 1/2 | . | 1 1/2 | | . | 3,4 | | | 3/0 | | |
| ••••• | i | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • | | | • • • • • • • | ••••• | | | ••••• | | |
| NO CEIL | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| CE 20000 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 18000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| CE 16000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 14000 | 93.6 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| CB 12000 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| | 1 | | | | | | | | | | | | | | | |
| GE 10000 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| CE 9000 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 8000 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 7000 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 6000 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | | | | | | | | | | | | | | | | |
| CE 5000 | | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 9 9.6 | 99.6 | | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4500 | | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4000 | | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GE 2500 | | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 |
| GE 2000 | | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 |
| QE 1800 | | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 900 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 800 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 700 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 600 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| GE 500 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 200 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | |
| GE 000 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | - | | | |

TOTAL RUNDER OF OBSERVATIONS 897

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: SEP HOURS: 21-23 VISIBILITY IN STATUTE MILES GE GE GE 3 2 1/2 2 Œ CIR GR IN Œ CR GR GE GE GE Œ GR Œ GR | 7 FEET 6 5 4 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 0 NO CRIL 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 95.5 85.5 85.5 85.5 85.5 85.5 GE 20000 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 GE 18000 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 **GE 16000** 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 95.2 95.2 **GE 14000** 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 96.3 96.3 **GR 12000** 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 GE 10000 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 **GR 9000** 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 GE 8000 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 GE 7000 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 GE 6000 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GR 5000 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GR 4500 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GR 4000 100.0 GE 3500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GB 3000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 2500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 2000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1800 100.0 GE 1500 100.0 100.0 100.0 100.0 GE 1200 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 1000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 900 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 800 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE Œ 700 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **600 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0** Œ 500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 400 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ Œ 300 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CE 100 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: SEP BT/RS: ALL

| | | | 1001 | . 10 010 | + 0 | | | | | MONTO: | OPL D | PINO: ALL | TI. | | | |
|----------------|--------|---------------|-------|---------------|-------|-------|---------------|---------|--------|---------------|---------------|---------------|-------|---------------|-------------|-------------|
| | •••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | | | | ****** | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | • • • • • • | • • • • • • |
| CRITING | | _ | | | | | | STATUTE | | _ | | _ | _ | _ | | |
| IM | GE | Œ | GE | Œ | GE | GE . | GE | Œ | GE | Œ | GB | GE | GE | Œ | GB | GE |
| FERT | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | | • • • • • • • | | ••••• | ••••• | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • | ••••• |
| _ | I | | | | | | | | | | | | | | | |
| MO CEIL | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| | 1 | | | | | | | | | | | | | | | |
| GB 20000 | 1 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 18000 | | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 16000 | | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 14000 | | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| CE 12000 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| | | | | | | | | | | | | | | | | |
| GE 10000 | | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| CE 9000 | 1 . | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 8000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GB 7000 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE 6000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | | | | | | | | | | | | | | | | |
| GE 5000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 4500 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE 4000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 3500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CER 3000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | |
| GE 2500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 2000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GR 1500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 1200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | |
| CE 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | |
| CES 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 400 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CES 300 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CEE 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 99.9 | 100.0 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | _ | | | | | | | | - | | | | | | 3 |
| CEE 000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | •••••• | ••••• | •••• | ••••• | | ••••• | | | •••• | | ••••• | | ••••• | • • • • • • • | ••••• | ••••• |
| | | | | | | | | | | | | | | | | • |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: OCT BOURS: 00-02

| | | | | 1001 | 10 010 | | | | | | INAITH. | 001 | BOOLES. | 00-02 | | | |
|-----------|----------|---------------|-------|---------------|--------|---------------|---------------|---------------|---------|---------------|---------------|---------------|---------------|---------------|-------------|---------------|-------|
| ~~~ | | • • • • • • • | | • • • • • • • | ••••• | • • • • • • • | | | ~~~~ | | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• |
| | LING | | | _ | | | | | STATUTE | | | | | _ | | _ | |
| | K | Œ | GE | Œ | GE | Œ | GE | GE | GE | GE (4 | GE | GE | GE | GE | GE | GE | GE |
| F | ET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | ••••• | : <i>-</i> | | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | ••••• |
| | | | | | | | | | | | | | | | | | |
| MO | CEIL | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| | | l | | | | | | | | | | | | | | | |
| GE | 20000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE | 18000 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE | 16000 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE | 14000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE | 12000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| | | | | | | | | | | | | | | | | | |
| GE | 10000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE | 9000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE | 8000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GB | 7000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| CE | 6000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | | | | | | | | | | | | | | | | | 220. |
| GE | 5000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 5000 | ***** | 200.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GP | 1400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | | | | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | | | | | | | | | | | | | | 100.0 | 100.0 | 100.0 | 100.0 |
| UE | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ~ | | | 100 0 | | | | | | | | | | | | | | |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | I | | | | | | | | | | | | | | | |
| CE | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: OCT HOURS: 03-05

| | LLING | • • • • • • | | ••••• | ••••• | ••••• | | · · · · · · · · · | | MTT DO | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | | • • • • • • • |
|----|--------------|-------------|-------|--------|-------|-------|-------|-------------------|---------|--------|-------------|---------------|---------------|---------------|-----------------|-------|---------------|
| | IN Frince | l cor | Œ | GE | Œ | GE | GE | GE GE | STATUTE | GE | GE | GE | Œ | GE | GE | GE | GR |
| | KET | 7 | 6 | 5 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | 345 A | l , | | | . • | | 2 1/2 | _ | 1 1/2 | 1 1/4 | | 3/4 | 3/6 | 1/2 | 3/0 | 1/4 | U |
| | | i | | | | | | | | | | | | ••••• | | •••• | |
| Ю | CEIL | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE | 20000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| Œ | 18000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| | 16000 | 1 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| Œ | 14000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| CE | 12000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| Œ | 10000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| Œ | 9000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| Œ | 8000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 7000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 6000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 5000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| •• | | ••••• | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: OCT HOURS: 06-08

| | | | | mi | 70 010 | | | | | | rowill. | · · | Books. | 00-00 | | | |
|-----|-------|-------|-------|---------------|-------------|---------------|-------|-------------|---------|---------------|---------------|---------------|--------|---------------|---------------|---------------|-------------|
| ••• | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • |
| | ling | | | | | | | | STATUTE | | | | | | | | |
| I | | GE | ge | æ | GB | GE | GE | GB | GE | GE | GE | GE | GB | Œ | GE | Œ | GB |
| PE | et | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | • • • • • • • | | • • • • • • • | | | ••••• | | | <i>.</i> | | | | | • • • • • |
| | 1 | | | | | | | | | | | | | | | | |
| 100 | CRIL | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| | | | | | | | | | | | | | | | | | |
| CR | 20000 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| | 18000 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| | 16000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| | 14000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| | | | | | | | | | | | | _ | | | | | |
| GE | 12000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| | | | | | | | | | | | | | | | | | |
| CE | 10000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE | 9000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| CE | 8000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| CE | 7000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 6000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | | | | | | | | | | | | | | | | |
| CE | 5000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 4500 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 4000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 3500 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 3000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 3000 | 33.0 | 33.0 | ,,,, | 23.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 2500 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 2000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 1800 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1500 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1200 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 1000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 800 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 700 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 600 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 500 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 400 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 300 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 100 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | ,,,, | ,,., | 24.3 | 22.3 | 200.0 | -00.0 | 200.0 | | -00.0 | -00.0 | 200.0 | 200.0 | 200.0 | 200.0 | 200.0 | 100.0 |
| GE | 000 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 40 | اممم | 77.0 | 37.0 | 77.7 | 77.Y | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NAME: NELLIS AFB/LAS VEGAS NV STATION NUMBER: 723865 PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: OCT HOURS: 09-11 CRILING VISIBILITY IN STATUTE MILES IN GE GE FEET 7 6 Œ GE CER. GR GR GE GE Œ Œ GE Œ GE Œ 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 0 81.5 81.5 81.5 81.5 81.5 81.5 81.5 81.5 81.5 NO CEIL 81.5 81.5 81.5 81.5 81.5 CE 20000 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7 **CER 18000** 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 91.4 91.4 CR 16000 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 **CE** 14000 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 CE 12000 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 **CER 10000** 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 GR 9000 97.R 97.8 97 . R 97.8 97.8 97.8 97.8 97.8 97 - R 97.8 97 . R 97.R 97 . R 97.R 97 . R 97 - R CE 8000 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 CER 7000 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 **GE** 6000 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 **CE** 5000 99.8 99.R 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 OR 4500 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 4000 99.8 99.8 99.8 99.8 99.8 99.8 Œ 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 3500 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 **CER** 3000 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **CER** 2500 99.8 **CER** 2000 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 1800 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **GB** 1500 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 1200 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **CE** 1000 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 æ 900 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 æ 800 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 700 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 600 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 500 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 400 99.8 100.0 100.0 100.0 100.0 100.0 Œ 300 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 200 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 Œ 100 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ **000 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0**

TOTAL NUMBER OF CREENVATIONS 930

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: OCT HOURS: 12-14

| | | | | TOT. | 10 010 | . + 0 | | | | | MAN TO . | C 1 . | NONO: | 7-14 | | | |
|-------|-------|------|-------------|---------------|-------------|-------|----------|-------|--|------|----------|---------------|---------------|---------------|-------------|---------------|-------|
| CEILI | | | • • • • • • | • • • • • • • | • • • • • • | | VISIBILI | | ······································ | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | ••••• |
| IN | I | CE | GE | Œ | GE | GE | GE | GE | GE | GE. | GE | Œ | GE | CE | GE | GE | GE |
| FEET | . | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | | | | - | | , - | | | | | | -, - | |
| ••••• | ï | •••• | | | | | | | | | | | | | | | |
| NO CE | п. І | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| | _ | | | | | | | | | | | | | | | | |
| GE 20 | 000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| CE 18 | 000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 16 | 000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 14 | 000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GB 12 | 000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| | - 1 | | | | | | | | | | | | | | | | |
| GE 10 | 000 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 |
| GE 9 | 000 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 |
| GE 8 | 000 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| GE 7 | 000 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| CE 6 | 000 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| | - 1 | | | | | | | | | | | | | | | | |
| GE 5 | 000 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 |
| GB 4 | 500 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE 4 | 000] | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| CE 3 | 500 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| GE 3 | 000 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | 500 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 000 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 800 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 500 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE 1 | 200 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | 000 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 900 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 800 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 700 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE | 600 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| | 500 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | |
| | 400 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 300 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| | 200 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| CE | 100 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| QE . | امم | 99.2 | 99.5 | 99.8 | 00 e | 00 e | 00 0 | 00 6 | 00.0 | 00 0 | 00 e | 99.8 | 00.0 | 00 0 | 00.0 | 100.0 | 100.0 |
| 45 | ~v | 37.2 | 77.3 | 77.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 33.0 | 99.9 | 99.9 | 77.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: OCT BOURS: 15-17

| cer | LING | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | •••••• | UTQTBTI. | Topy TM | STATUTE | MTT.PQ | • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • | ••••• | ••••• |
|-----|-----------|---------------------------------------|---------------|---------------|---------------|--------|--------------|-------------|---------|--------|-------------|-------|-------------|---------------|-------------|-------|-------|
| Ī | | GE | Œ | GE | GE | CE | GE | GE | GE | GE | GE | GE | GE | GE | Œ | GE | Œ |
| PE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | , , , , , , , , , , , , , , , , , , , | | | | | | <u>-</u> | /- | | . | | | | | | |
| | | i | | | | | | | | | | | | | | | |
| Ю | CRIL | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| Œ | 20000 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| Œ | 18000 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| | 16000 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| Œ | 14000 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| Œ | 12000 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| Œ | 10000 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| Œ | 9000 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| Œ | 8000 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| Œ | 7000 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| Œ | 6000 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| Œ | 5000 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 4500 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 4000 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 3500 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 3000 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| Œ | 2500 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 2000 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1800 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1500 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1000 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 500 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 000 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: OCT HOURS: 18-20

| | | | | LSI | TO UTC | : + 8 | | | | | MONTH: | OCT | HOURS: | 18-20 | | | |
|-------------|----------|-------|-------|-------------|--------|-------|---------------|-------------|---------|---------------|--------|-------|--------|---------------|---------------|---------------|-------|
| CEI | LING | | | • • • • • • | ••••• | | VISIBIL | ETY IN | STATUTE | MILES | ••••• | ••••• | | • • • • • • • | ••••• | | ••••• |
| I | | CE CE | CE | Œ | GE | Œ | GE | Œ | GB | QE. | GE | Œ | GE | Œ | GE | Œ | GE |
| FE | 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | ·····i | | ••••• | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | ***** | • • • • • • • | • • • • • • • | • • • • • • • | ••••• |
| 10 0 | CE IL | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE : | 20000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| CE : | 18000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| CE : | 16000 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| CE : | 14000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| CE : | 12000 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE : | 10000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| CE | 9000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| CE | 8000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE | 7000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| Œ | 6000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE | 5000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE | 4500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 4000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 3500 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE | 3000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE | 2500 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 2000 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1800 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1500 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1200 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1000 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 800 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 700 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 500 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 400 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| GE | 300 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| | | | 3 | | | 200.0 | | | 20010 | | | 200.0 | 100.0 | 100.0 | 200.0 | 100.0 | 100.0 |
| CE | 000 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | ••••• | | | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NAME: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: OCT HOURS: 21-23 CRILING VISIBILITY IN STATUTE MILES IN GR FRET 7 QR CEE CEE CEE GE Œ CR GR 6 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 5 4 0 85.8 GE 20000 92.9 92.9 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 GE 18000 93.2 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.2 93.3 GE 16000 93.7 93.7 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 **CE 14000** 97.0 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 CER 12000 98.5 98.5 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.9 99.0 99.0 CE 10000 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 GE 9000 98.9 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 **GE 8000** 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GE 7000 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 **CER** 6000 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 CER 5000 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 CER 4500 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE 4000 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE 3500 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GR 3000 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 **CE** 2500 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 **CER 2000** 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 Œ 1800 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CER 1500 99.8 CER 1200 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **GE** 1000 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 900 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 800 99.8 CIR. 700 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 600 99.8 Œ 500 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 400 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 22 300 99.8 200 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 000 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL REPBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: OCT HOURS: ALL

| | | | | | 10 010. | | | | | | | | | _ | | | |
|--------------|-------------|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|-------|---------------|---------------|---------------|-------|
| •••• | •••• | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• |
| CRII | | | | | | | | | STATUTE | | | | | | | | |
| 11 | | Œ | GE | Œ | CE | GE | GE. | Œ | GE | GE | GE | Œ | GE | Œ | GE | Œ | GE |
| FEI | T | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | | | | • • • • • • • | | | • • • • • • | • • • • • • | • • • • • • • | | | | | | | | ••••• |
| | - 1 | | | | | | | | | | | | | | | | |
| # 0 (| BIL | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| | | | | | | | | | | | | | | | | | |
| CE 2 | :0000 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| | 8000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| | 6000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| | 4000 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| | 2000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | | 96.9 | 96.9 | 96.9 |
| GE I | 2000 | 30.3 | 90.9 | 90.9 | 90.9 | 30.9 | 96.9 | 30.9 | 90.9 | 90.9 | 90.9 | 30.3 | 90.9 | 96.9 | 90.9 | 90.9 | 90.9 |
| | | | | | | | | | | | | | | | | | |
| | 10000 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| CE | 9000 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| | 8000 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE | 7000 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE | 6000 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | | | | | | | | | | | | | | | | | |
| CE | 5000 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | 4500 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| CE | 4000 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE | 3500 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE | 3000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | ,,,,,, | 22 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | ,,,, | 33.0 | ,,,, | 33.0 | 22.0 | 33.0 | 33.0 |
| CE | 2500 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE | 2000 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1800 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | |
| | 1500 | 99.7 | | 99.9 | | | | 100.0 | | | | | | | 100.0 | 100.0 | 100.0 |
| GE | | | 99.8 | | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 1200 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 1000 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| GE | 900 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 800 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 700 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 500 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 400 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 300 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 200 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE. | 100 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | 200.0 | | 200.0 | ~~~. | | ~~~ | 200.0 | 100.0 | 200.0 | 100.0 |
| CE | 000 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | ,,,,, | 77.0 | 77.9 | 22.3 | 27.7 | 100.0 | | 100.0 | *00.0 | 100.0 | 200.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: MELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: NOV HOURS: 00-02

| | | ••••• | | • • • • • • | | | | | | ••••• | ••••• | • • • • • • | • • • • • • | ••••• | | ••••• |
|---------------|---------------|--------|------|-------------|---------------|---------------|-------|---------------|-------|-------|---------------|---------------|-------------|-------|-------|-------|
| CRILING | • | | | _ | | VISIBILI | | | | _ | | _ | _ | | | _ |
| IN | GE | Œ | GE | æ | GE | GE (C | GE | CE. | GE | Œ | GE | Œ | GE | GE | GE | Œ |
| PEET | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | ·;····· | •••••• | | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | | ••••• | ••••• | • • • • • • • | • • • • • • | ••••• | ••••• | ••••• |
| NO CEII | 78.4 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| CE 2000 | 0 86.0 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| CE 1800 | 0 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 1600 | 0 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 1400 | 0 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 1200 | 0 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| | j | | | | | | | | | | | | | | | |
| CE 1000 | 0 95.2 | 95.2 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 900 | 0 95.4 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 800 | 0 97.3 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| CE 700 | 0 97.3 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| CE 600 | 0 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| | | | | | | | | | | | | | | | | |
| QB 500 | 0 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 450 | 0 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 400 | 0 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 350 | 0 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| CER 300 | 0 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 1 | | | | | | | | | | | | | | | |
| CER 250 | 0 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| CE 200 | 0 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 180 | 0 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| QE 150 | 0 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| CE 120 | 0 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| | l | | | | | | | | | | | | | | | |
| GE 100 | 0 99.3 | | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 90 | 0 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| CE 80 | 0 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| CE 70 | 0 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| CE 60 | 0 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| | 1 | | | | | | | | | | | | | | | |
| CES 50 | 0 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| CE 40 | 0 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 30 | 0 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 20 | 0 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 10 | 0 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | |
| CE 00 | 0 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | • • • • • • • | | | | • • • • • • • | | | • • • • • • • | | | • • • • • • • | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV HOURS: 03-05

| | | | | LST | TO OFC | : + 8 | | | | | MONTH: | NUV | HOURS: | 03-05 | | | |
|------|-------|-------|------|---------------|-------------|---|----------|-------|---------|-------|--------|---------------|--------|-------|-------------|---------------|-------------|
| CEI | Ling | ••••• | | • • • • • • • | ••••• | • | visibili | TY IN | STATUTE | MILES | | • • • • • • • | | | ••••• | • • • • • • • | |
| I | | CE | CE | Œ | CR | Œ | GE | GE | CE | GE | GE | Œ | GE | Œ | GE | Œ | GE |
| PE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | - | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••• | ••••• | | | | • • • • • • | | | | | | | | | | • • • • • • | | • • • • • • |
| - | CRIL. | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| | CRIP | 79.1 | /9.1 | 79.2 | 79.2 | 79.2 | 79.3 | 19.3 | 19.3 | 79.3 | 79.3 | 19.3 | 79.3 | 19.3 | 79.3 | 79.3 | 19.3 |
| GE : | 20000 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| | 18000 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| _ | 16000 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 68.7 | 88.7 | 88.7 |
| | 14000 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| CE | 12000 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| CE : | 10000 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| CE | 9000 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| CE | 8000 | 96.3 | 96.3 | 96.4 | 96.4 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE | 7000 | 97.3 | 97.3 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE | 6000 | 97.7 | 97.7 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| CE | 5000 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE | 4500 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| CE | 4000 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| CE | 3500 | 98.3 | 98.3 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE | 3000 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE | 2500 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE | 2000 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE | 1800 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE | 1500 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 1200 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 1000 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 900 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 800 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 700 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 600 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| CE | 500 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| CE | 400 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 300 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 200 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE | 100 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| Œ | 000 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTH: NOV HOURS: 06-08

| | | •••• | | | | • • • • • • | | | | | | | • • • • • • • | ••••• | | | |
|---------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
| CRILIM | 3 | | | | | 1 | VISIBILI | TY IN | STATUTE | MILES | | | | | | | |
| IN | 1 | CR | CE | GE | Œ | CE | Œ | GR | Œ | GE | Œ | GB | GE | GB | Œ | GE | Œ |
| PEST | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | •••• | | | | | | | | • • • • • • • | | | | | • • • • • • | | • • • • • • | • • • • • |
| | | | | | | | | | | | | | | | | | |
| NO CEI | 6 7 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| | | | | | | | | | | | | | | | | | |
| GE 2000 | | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.6 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| GE 1800 | | B6.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 1600 | | 87.4 91.3 | 87.4 91.3 | 87.4 | 87.4 | 87.6 | 87.7 91.6 | 87.7 91.6 | 87.9 91.8 | 87.9 91.8 | 87.9 91.8 | 87.9 91.8 | 87.9 91.8 | 87.9 91.8 | 87.9 91.8 | 87.9 91.8 | 87.9 91.8 |
| GE 120 | | 91.3 93.1 | 93.1 | 91.3 93.1 | 91.3 93.1 | 91.4 93.2 | 93.3 | 93.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 45 120 | ~ • | 33.1 | 33.1 | 93.1 | 33.1 | 93.4 | 33.3 | 93.3 | 33.0 | 93.0 | 93.0 | 93.0 | 33.0 | 93.0 | 93.0 | 33.0 | 93.0 |
| CER 1006 | ۰ ام | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 900 | | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 80 | | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| CE 70 | | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| CE 600 | ol s | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| | | | | | | | | | | | | | | | | | |
| CE 500 | 20 9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 450 | 20 g | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| CE 400 | 20] 9 | 98.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE 350 | 90 9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 300 | ∞ <u> </u> | 98.9 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | - [| | | | | | | | | | | | | | | | |
| GE 250 | | 98.9 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| CER 200 | | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 180 | | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 150 | | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE 120 | 20 9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | ، ا | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 00.4 | 99.8 | 99.8 | | 99.8 | 99.9 | 00 0 | 100.0 | 100.0 | 100 0 |
| | | 99.0 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 99.4 | 99.8 | 99.8 | 99.8 99.8 | 99.8 | 99.9 | 99.9 99.9 | 100.0 | 100.0 | 100.0 |
| | | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | - 1 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | ٦ [| | | 22.0 | ,,,, | 33.5 | 22.4 | 22.1 | 22.0 | 22.0 | 33.0 | 33.0 | 2212 | 3313 | 10000 | | 20010 |
| CES 50 | ol s | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 30 | 20 9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 26 | 00 9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 10 | 20 9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CES 00 | 20 S | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV BOURS: 09-11

| | | | | 1401 | IO OIC | . + 0 | | | | | MANTE: | MUA | BOURD: | 09-11 | | | |
|--------|-----------|--------------|---------------|---------------|---------------|---|----------------|-------------|---------------|---------------|--------|---------------|--------|-------|---------------|---------------|-------|
| CRILII | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • | | | · · · · · · · | | | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• |
| | | _ | ~ | _ | _ | | VISIBILI ~~ | | | | | _ | | | | _ | |
| IN | | Œ | GE | Œ | Œ | Œ | GE (C | Œ | GE | GE | GE | GE | GE | Œ | GE | GE | GE |
| PEST | ı | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | | ••••• | • • • • • • | • • • • • • • | ••••• |
| | | | | | | | | | | | | | | | | | |
| NO CE | п | 73.8 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| | Í | | | | | | | | | | | | | | | | |
| GE 200 | | 84.2 | 84.3 | 84.6 | 84.6 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| GE 180 | 000 | 85.6 | 85.7 | 85.9 | 85.9 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 160 | 000 | 87.6 | 87.7 | 87.9 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 140 | 000 | 91.3 | 91.4 | 91.7 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 120 | 000 | 93.1 | 93.2 | 93.4 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| | - 1 | | | | | | | | | | | | | | | | |
| GB 100 | 000 | 93.7 | 93.8 | 94.0 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 90 | 000 | 94.0 | 94.1 | 94.3 | 94.3 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GB 80 | 000 | 95.8 | 95.9 | 96.1 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GB 70 | oool | 96.0 | 96.1 | 96.3 | 96.3 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 60 | 000 | 97.2 | 97.3 | 97.6 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| | | | | | | | | | | 2 | | 3 | 2.12 | 2 | | 2 | 2 |
| GE 50 | 000 | 97.9 | 98.0 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| | 500 | 98.0 | 98.1 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | 000 | 98.3 | 98.4 | 99.0 | 99.0 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| | 500 | 98.7 | 98.8 | 99.3 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 000 | 98.8 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 45 3 | اس | 30.0 | 30.3 | 77.4 | 33.4 | 33.1 | 33.1 | 33.0 | 33.0 | 33.0 | 77.0 | 33.0 | 33.0 | 33.0 | 33.0 | 99.0 | 33.0 |
| GE 25 | 500 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 000 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | BOO | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | | | | | | | |
| | 500 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 45 1 | اسم | 90.0 | 30.9 | 77.4 | 99.0 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GR 16 | l | | ~~ ~ | | ~~ ~ | | | | | | | | | | | | |
| | 900 | 98.8 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 800 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 700 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE (| 500 | 98.8 | 96.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | I | | | | | | | | | | | | | | | | |
| | 500 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 100 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 300 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE : | 100 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - [| | | | | | | | | | | | | | | | |
| GE (| 000 | 98.8 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | • • • • | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: NOV HOURS: 12-14 CRIT.TMQ VISIBILITY IN STATUTE MILES GB IN CIR GE GE GE Œ GE Œ GE Œ Œ 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 PEET 7 6 5 4 0 69.9 69.9 83.6 83.6 GE 20000 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 **CE 18000** 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 **CR 16000** 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 GR 14000 91.0 91.0 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.0 91.0 91.1 91.1 91.1 91.1 CE 12000 93.0 93.0 93.1 93.1 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 33.2 GR 10000 93.7 93.7 93.8 93.8 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 **CB** 9000 93.9 94.1 94.1 93.9 94.0 94.0 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 96.1 GE 8000 95.8 95.8 96.0 96.0 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 GR 7000 96.3 96.3 96.6 96.6 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 97.2 97.4 97.6 CEE 6000 97.4 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.2 97.6 97.6 Œ 5000 98.0 98.0 98.2 98.3 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 4500 98.4 98.4 98.4 Œ 98.0 98.0 98.2 98.3 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 99.0 Œ 4000 98.4 98.4 98.8 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 GE 3500 98.4 98.4 98.8 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 Œ 3000 99.0 99.0 99.3 99.4 99.6 99.6 49.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.8 Œ 2500 99.2 99.2 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 2000 99.3 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 99.3 99.R 99.9 1800 99.3 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1500 99.3 99.3 99.7 99.8 99.9 Œ 1200 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 CER. 1000 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 QP. 900 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 300 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 700 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 99.3 99.3 99.7 99.8 99.9 99.3 CE 600 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ur. 500 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 Œ 400 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 300 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 200 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 100 99.3 99.3 99.7 99.8 99.9 000 99.3 99.3 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV BOURS: 15-17

| | | | | LST | TO UTC | : + 8 | | | | | MONTH: | NOV | HOURS: | 15-17 | | | |
|---------------|---------|-------|---------------|---------------|---------------|-------------|---------|----------|---------|-------------|--------|---------------|---------------|-------|-------|---------------|-------|
| CRILIE | | ••••• | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | VISIBIL | אז עדו | STATUTE | MILES | ••••• | ••••• | ***** | ••••• | ••••• | • • • • • • • | |
| IN | I | GE | GE | GE | GE | GE | JE | GE | GB | GE | GE | GE | GE | GE | GE | GE | GE |
| PEET | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | | | • • • • • • • | • • • • • • • | · · · · · · · | | | - | | • • • • • • | | • • • • • • • | • • • • • • • | | | •••• | |
| | 1 | | | | | | | | | | | | | | | | |
| NO CE | n. | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| | | | | | | | | | | | | | | | | | |
| GB 200 | | 84.6 | 84.6 | 84.5 | 84.6 | 84.5 | 84.6 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.Ĝ |
| GE 180 | | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GB 160 | | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 140 | | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GB 120 | 000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| | | | | | | | | | | | | | | | | | |
| GE 100 | | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| | 000 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| | 000 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| | 000 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| CE 60 | 000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 50 | ,,, | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| | 500 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 97.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| | 200 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| | 500 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.0 |
| | 000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| U D 30 | ~~ | 33.6 | 33.2 | 33.6 | 33.2 | 33.2 | 77.2 | 77.2 | 33.6 | 33.2 | 33.6 | 33.2 | 33.2 | 33.4 | 33.2 | 33.4 | 33.6 |
| GE 25 | 500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| | 000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| | 300 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| | 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1 | | | | | | | | | | | | | | | | |
| GB 10 | 000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 9 | 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 130.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB 6 | BOO | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 7 | 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GB (| 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 190.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE : | 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 4 | 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2 | 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1 | 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE (| 000 | 99.9 | 99.0 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | <i>.</i> | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTE: NOV HOURS: 18-20

| | | | | و دغير | 10 010 | ., | | | | | LEWITH. | NOV | HOURS. | 10-20 | | | |
|----------|-----------|---------------|---------------|--------|---------------|--------|-------|---------------|---------|-------|---|-------|---------------|---------------|---------------|-------|-------------|
| | | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ****** | | | | | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | ••••• | ••••• |
| | LING | | _ | | _ | | | | STATUTE | | _ | | | | - | | _ |
| I | | GE | Œ | GE | Œ | GE | GE . | GE | GE . | GE 1 | Œ | GE GE | GE T/O | GE | GE 2.40 | GE | GE |
| PE | ST : | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | • • • • • | | • • • • • • • | ••••• | | | ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • |
| | | | | | | | | | | | | | | | | | |
| NO (| CEIL | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| | | ŀ | | | | | | | | | | | | | | | |
| GE : | 20000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| Œ | 18000 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| | 16000 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 69.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| CE : | 14000 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| CE : | 12000 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| | | l | | | | | | | | | | | | | | | |
| CE : | 10000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| CE | 9000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| Œ | 8000 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| Œ | 7000 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| Œ | 6000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| _ | | | | | 2002 | | 500- | | | | • | | | | | | |
| Œ | 5000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| æ | 4500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| Œ | 4000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| Œ | 3500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| <u> </u> | 3000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| - | 3000 | 33.0 | 33.0 | 33.0 | 99.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 23.0 | 33.0 | 77.0 | 33.0 | 33.0 |
| Œ | 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 1500 | | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | | 100.0 | | | | | | | | | | | | | | |
| Œ | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | l | | | | | | | | | | | 100.0 | | 100 0 | | |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| 53 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | | | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV BOURS: 21-23

| | | | | LST | TO UTC | : + 8 | | | | | MONTH: | MOA | HOURS: | 21-23 | | | |
|-----|-------|---------------|-------|-------|--------|-------|---------|--------|---------|-------------|--------|-------|--------|-------|-------|-------|-------|
| CRI | LING | • • • • • • • | ••••• | ***** | ••••• | ••••• | VISIBIL | ITY IN | STATUTE | MILES | | ••••• | ••••• | ••••• | ••••• | | ••••• |
| I | | CE | CE | GE | CE | Œ | GE | GE | GE | GE | GB | GB | GE | GIE | GE | GE | GE |
| FE | | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | •••• | , | | ••••• | | | | | | • • • • • • | | ••••• | | ••••• | | | |
| | | ì | | | | | | | | | | | | | | | |
| NO | CEIL | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| | | | | | | | | | | | | | | | | | |
| | 20000 | | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| | 18000 | | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 38.2 | 88.2 | 88.2 | 98.2 | 88.2 | 88.2 | 88.2 |
| | 16000 | | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| | 14000 | | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE | 12000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| | | | | | | | | | | | | | | | | | |
| | 10000 | | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE | 9000 | | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE | 8000 | | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE | 7000 | | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE | 6000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE | 5000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE | 4500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE | 4000 | | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| CE | 3500 | | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE | 3000 | | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | 33.0 | 23.0 | ,,,, | 23.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 22.00 | 33.0 | 33.0 | 33.0 | 33.0 | ,,,,, | 3310 |
| CE | 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE | 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | • |
| CE | 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE. | 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 1 | | | | | | | | | | | | | | | |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE | 000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | • • • • • • • | | | | | | | | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 ~ SEP 91
LST TO UTC: + 8 MONTE: NOV HOURS: ALL

| | | | | | | | | | | | | | | • | | | |
|---------------|------|-------------|---------------|---------------|---------------|-------------|---------------|-------------|---------------|-------------|-------------|-------------|---------------|-------------|---------------|---------------|-------------|
| ••••• | ••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • |
| CRILIN | IG . | | | | | , | VISIBILI | TY IN | STATUTE | MILES | | | | | | | |
| IN | - 1 | CE | GE | GR | Œ | CE | Œ | GE | GE | GB | GB | GE | GE | GE | Œ | GE | GE |
| FEET | - 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | : | | | | | | | | | | | | |
| | - 1 | | | | | | | | | | | | | | | | |
| NO CRI | T. | 75.3 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| | ן ד | | | | | ,,,, | ,,,,, | | ,,,, | | 13.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 200 | امر | 85.6 | 0E E | 05 7 | 05 7 | 05 7 | 05.7 | OF 7 | 05 0 | 05 0 | | | | | 05.0 | | |
| | | | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| GB 180 | | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 160 | | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GB 140 | | 91.8 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 120 | 00 | 93.7 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| | | | | | | | | | | | | | | | | | |
| GE 100 | 00 | 94.8 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| CE 90 | 00 | 95.0 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| CES 80 | 00 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 70 | ю | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GR 60 | 00 | 97.8 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| | | 2 | | | | | | | 2000 | | 5000 | 20.0 | 30.0 | ,,,, | 2000 | 20.0 | 5000 |
| GE 50 | ∞ | 98.3 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 45 | | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| | 80 | | | | | | | | | | | | | | | | |
| | | 98.7 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | 00 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| CEE 30 | 00 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| | | | | | | | | | | | | | | | | | |
| CE 25 | | 99.2 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| CE 20 | 00 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| CE 18 | 00 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 15 | 00 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| CE 12 | 00 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE 10 | 00 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 9 | 00 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 8 | 00 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 7 | 00 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| CE 6 | 00 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | ٦, | <i></i> | ,,,, | 33.0 | ,,,, | 33 | 33.0 | 33.0 | 22.3 | 22.2 | 33.3 | 22.2 | 33.3 | 33.3 | 100.0 | 100.0 | 100.0 |
| GE 5 | 00 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | ^^ ^ | 00.0 | 00.0 | ^^ ^ | 100 0 | 100 0 | 100 0 |
| | | | | | | | | | | | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | 00 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| Œ 1 | 00 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE 0 | 00 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY ORSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: DEC HOURS: 00-02 CRILING VISIBILITY IN STATUTE MILES IN Œ CR Œ GE GE GE Œ GE Œ GE Œ GE Œ GE FEET 7 2 1/2 2 1 1/2 1 1/4 1 3/4 1/2 6 5 4 3 5/8 3/8 1/4 0 NO CRIL 80.1 80.1 80.2 80.2 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.4 80.4 GE 20000 86.3 86.5 86.5 86.5 86.2 86.2 86.3 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.6 86.6 **GE 18000** 87.1 87.1 87.2 87.2 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.4 87.4 GR 16000 87.8 87.8 88.0 88.0 88.1 88.1 88.1 88.1 88.1 88.1 88.1 88.1 88.1 88.1 88.2 88.2 GR 14000 90.4 90.5 90.5 90.5 90.3 90.3 90.4 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.6 90.6 GE 12000 91.5 91.5 91.6 91.6 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.8 91.8 **GR 10000** 93.5 93.5 93.7 93.7 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.9 93.9 CE 9000 94.0 94.0 94.1 94.1 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.3 94.3 95.3 95.4 95.4 95.4 95.4 95.4 **GR** 8000 95.2 95.2 95.3 95.4 95.4 95.4 95.4 95.4 95.5 95.5 GE 7000 96.0 96.0 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.3 96.3 97.0 97.2 97.2 QE. 6000 97.1 97.2 97.2 97.3 97.0 97.1 97.2 97.2 97.2 97.2 97.2 97.2 97.3 CE 5000 97.4 97.4 97.5 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.5 97.6 97.6 97.6 4500 97.6 97.6 97.6 97.6 97.6 97.6 Œ 97.4 97.4 97.5 97.5 97.6 97.6 97.6 97.6 97.7 97.7 GE 4000 98.0 98.0 98.1 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.3 98.3 CE 3500 98.1 98.1 98.2 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.4 98.4 98.4 98.5 98.5 CR 3000 98.3 98.3 98.4 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.6 98.6 CE 2500 98.6 98.6 98.7 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.9 98.9 CR 2000 98.7 98.7 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.0 99.0 1800 98.7 98.9 98.9 Œ 98.7 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.0 99.0 1500 98.9 98.9 99.0 99.0 99.1 99.1 99.1 99.1 Œ 99.1 99.1 99.1 99.1 99.1 99.1 99.2 99.2 Œ 1200 99.1 99.1 99 2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.5 99.5 1000 99.5 99.5 99.6 99.7 Œ 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 QQ.R CE 900 99.5 99.5 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.8 CE 800 99.5 99.5 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 Œ 700 99.5 99.5 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 600 CE 99.5 99.5 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 GE 500 99.5 99.5 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.8 99.9 Œ 400 99.5 99.5 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.6 **CIR** 300 99.5 99.5 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.7 99.8 99.8 Œ 200 99.5 99.5 99.6 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 100 Œ 99.5 99.5 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 000 99.5 99.5 99.6

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: RELIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: DEC HOURS: 03-05

| | | | | | | | | | | | | - | | -03 | | | |
|-------------|-------|-------------|---------------|---------------|---------------|-------------|-----------------|------|--------|-------|-------|-----------------|---------------|------|---------------|-------------|-------------|
| | | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • • | | •••••• | ••••• | ••••• | • • • • • • | • • • • • • • | | • • • • • • • | • • • • • • | • • • • • • |
| CKII | | | | | | | VISIBILI | | | | | | | | | | |
| 11 | ! | CE | Œ | CE | Œ | GE | Œ | CE | Œ | GE | Œ | GE | Œ | GE | Œ | GE | GB. |
| PE | ·π | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | , | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| EO 0 | | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.2 |
| | .512 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 00.0 | 60.0 | 00.0 | 90.1 | 60.1 | 00.2 |
| | | | | | | | | | | | | | | | | | |
| | 0000 | 66.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.2 |
| | 8000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.7 |
| CE 1 | 6000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 |
| CE 1 | 4000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.3 |
| CE 1 | 2000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.3 |
| | | | | | | | | | | | | | | | | | |
| CR 1 | 10000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.7 |
| CE . | 9000 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.9 |
| | 8000 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | | | | | | | | |
| | | | | | | | | | | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 |
| | 7000 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.3 |
| Œ | 6000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 |
| Œ | 4500 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 |
| CE | 4000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 |
| Œ | 3500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 |
| CER | 3000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 |
| | 3000 | 30 | 30.1 | 30., | 30. . | 30.3 | 30.3 | ,,,, | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 33.0 | 33.1 | 33.1 | 33.6 |
| CE. | 2500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 |
| | 2000 | 98.7 | | | | | | | | | | | | | | | |
| | | | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 |
| | 1800 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 |
| | 1500 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.5 |
| Œ | 1200 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 |
| | | | | | | | | | | | | | | | | | |
| Œ | 1000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| Œ | 900 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| Œ | 800 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| Œ | 700 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| <u>a</u> | 600 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| _ | 000 | 33.3 | ,,,, | 77.3 | ,,,, | ,,,, | 33.7 | 33.1 | 77.1 | 33.1 | 33.7 | 77.1 | 77.7 | 33.0 | 33.3 | 22.2 | 100.0 |
| _ | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| Œ | 400 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| Œ | 300 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| Œ | 200 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| Œ | 100 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| | | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | | | | | | | | | | | |

TOTAL PURSER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: DEC HOURS: 06-08

| | | | | POL | TO UIC | | | | | | MANIE: | DBC I | SOURS: (| JOU6 | | | |
|-----------|-------|-------|---------------|---------------|---------------|---|-----------------|--------------|---------------|-------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|
| CET | Ling | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • | VISIBILI | | | | • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• |
| I | | Œ | GR | Œ | GE | Œ | GE | GE . | GE | CE | GE | Œ | GE | Œ | CE | GE . | CE |
| FE | | 7 | 6 | ча. 5 | 4 | 3 | 2 1/2 | 2 | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| P.E. | er i | • | 0 | 3 | • | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 3/6 | 1/2 | 3/6 | 1/4 | U |
| ••• | ••••• | | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • | ••••• | ••••• |
| | CRIL | 73.4 | 73.4 | 73.8 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| aU 1 | CBILL | /3.4 | 73.4 | /3.0 | /4.0 | 74.0 | 74.0 | /4.1 | /4.1 | /4.1 | /4.1 | /4.1 | /4.1 | /4.1 | /4.1 | /4.1 | 74.1 |
| ~ | 20000 | 82.7 | 82.7 | 03 1 | 83.3 | 02.2 | 83.3 | 03 4 | 03.4 | 83.4 | 03.4 | 03.4 | 83.4 | 03.4 | 02.4 | 03.4 | 02.4 |
| | 18000 | 83.2 | 83.2 | 83.1 83.7 | 63.9 | 83.3 83.9 | 83.9 | 83.4 84.0 | 83.4 84.0 | 84.0 | 83.4 84.0 | 83.4 84.0 | 84.0 | 83.4 84.0 | 83.4 84.0 | 83.4 84.0 | 83.4 84.0 |
| | | 85.2 | - | | | | | 85.9 | 85.9 | | 85.9 | | | | | | |
| | 16000 | | 85.2 | 85.6 | 85.8 | 85.8 | 85.8 | | | 85.9 | | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| | 14000 | 87.6 | 87.6 | 88.1 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE | 12000 | 89.7 | 89.7 | 90.1 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 |
| _ | | | | | | | | | | | | | | | | | |
| | 10000 | 91.0 | 91.0 | 91.4 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 |
| GE | 9000 | 91.0 | 91.0 | 91.4 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 |
| CE | 8000 | 93.3 | 93.3 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 |
| GE | 7000 | 94.2 | 94.2 | 94.6 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 |
| CE | 6000 | 94.9 | 94.9 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 5000 | 95.8 | 95.8 | 96.2 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 |
| CE | 4500 | 96.2 | 96.2 | 96.7 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 |
| CE | 4000 | 97.2 | 97.2 | 97.6 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 |
| CE | 3500 | 97.3 | 97.3 | 97.7 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 |
| CE | 3000 | 97.5 | 97.5 | 98.0 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 |
| | } | | | | | | | | | | | | | | | | |
| GE | 2500 | 97.7 | 97.7 | 98.2 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 |
| CE | 2000 | 97.7 | 97.7 | 98.2 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 |
| CE | 1800 | 97.7 | 97.7 | 98.2 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 |
| CE | 1500 | 97.7 | 97.7 | 98.2 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 |
| GE | 1200 | 97.7 | 97.7 | 98.2 | 98.4 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 |
| | | | | | | | | | | | | | | | | | |
| CE | 1000 | 97.7 | 97.7 | 98.3 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 |
| CE | 900 | 97.7 | 97.7 | 98.3 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 |
| CE | 800 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| CE | 700 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| Œ | 600 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| CE | 500 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| CE | 400 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| GE. | 300 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| CE | 200 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| CE | 100 | 97.7 | 97.7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| | | | | | | | | | _ | | | | | | | | |
| CE | 000 | 97.7 | 97 . 7 | 98.3 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.5 | 99.6 | 99.9 | 100.0 | 100.0 |
| • • • | | ••••• | | • • • • • • | | | | ••••• | | | | | • • • • • • • | | | | • • • • • |

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: DEC HOURS: 09-11 CRILING VISIBILITY IN STATUTE MILES TH GR Œ GE GE GE GE. GR Œ GR **CIR** GR PERT 7 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 6 5 4 0 CER 20000 81.1 81.2 81.2 81.3 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 OR 18000 82.3 82.4 82.4 82.5 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 GR 16000 83.2 83.3 83.3 83.4 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 GR 14000 87.6 87.7 87.7 87.8 88.0 88.0 88.0 88.0 88.0 88.0 RR.O 88.0 88.0 88.0 88.0 AR.O **CE** 12000 89.6 89.7 89.7 89.8 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 91.1 91.1 GE 10000 90.8 90.9 90.9 91.0 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.2 91.4 **CER 9000** 91.1 91.2 91.3 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 94.1 CER 8000 93.8 93.9 93.9 94.0 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 . GE 7000 94.6 94.7 94.7 94.8 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 95.6 **CER** 6000 95.7 95.7 95.9 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 CE 5000 96.2 96.3 96.5 96.7 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 CE 4500 96.9 96.3 96.5 96.6 96.8 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 **CE** 4000 97.0 97.1 97.2 97.4 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 GE 3500 97.1 97.2 97.3 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 CER 3000 97.8 98.1 98.2 98.6 98.9 98.9 98.9 98.9 QR.Q 98.9 98.9 QR.Q 98.9 98.9 98.9 QR.Q 97.8 98.6 GE 2500 98.1 98.2 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 GE 2000 98.3 98.5 98.9 99.5 99.5 98.1 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 1800 98.1 98.3 98.5 98.9 99.5 99.5 99.5 99.5 Œ 99.5 99.5 99.5 99.5 99.5 99.5 99.5 GE 1500 98.4 98.6 99.0 99.6 99.6 98.2 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 CR 1200 98.2 98.4 98.5 99.0 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 CER 1000 98.2 98.4 98.6 99.0 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 900 **CE** 98.2 98.4 98.6 99.0 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 Œ 800 98.2 98.4 98.6 99.0 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 **CE** 700 99.0 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.2 98.4 98.6 99.9 Œ 600 98.2 98.4 98.6 99.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 500 98.2 98.4 98.6 99.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 400 98.2 98.4 96.6 99.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Œ 300 98.2 98.4 98.6 99.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 200 96.2 98.4 98.6 99.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 98.2 98.4 98.6 99.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 **48 000 98.2 98.4 98.6 99.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0**

TOTAL MUNISIR OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: DEC HOURS: 12-14

| | | | | | 10 010. | • | | | | | | | | | | | |
|-------------------------------------|------------|------|------|------|---------|--------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| CRILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| IM | | Œ | CE | Œ | GE | GE | GE | Œ | CE | Œ | GE | GE | GE | GE | GE | GE | GE |
| FEST | - 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | •••• | | | | | | | | | | | | | | | | |
| | - 1 | | | | | | | | | | | | | | | | |
| NO CEI | . I | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| | _ | | | | | | **** | | | | | | • | | | | **** |
| GE 200 | ~ l | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 180 | - 1 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| | | | | | | | | | | | | | | | | | |
| GB 160 | - | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 140 | | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 120 | 90 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| | | | | | | | | | | | | | | | | | |
| GE 100 | 00 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 90 | 00 3 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 80 | 00 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 70 | 00 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| CE 60 | 00 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| | | | | | | | | | | | | | • | | | | |
| GE 50 | ٠ I | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 456 | | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| | | | | | | | | | | | | | | | | | |
| GE 40 | | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 350 | | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 30 | 90 | 98.0 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| | ı | | | | | | | | | | | | | | | | |
| GE 25 | | 98.0 | 98.2 | 90.5 | 98.5 | 96.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 200 | 90 | 98.2 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 18 | 00 | 98.2 | 98.6 | 98.9 | 99.0 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 150 | 00 | 98.2 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 12 | 00 | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | ı | | | | | | | | | | | | | | | | |
| GE 10 | ool : | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 9 | 00 | 90.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.2 | 96.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 96.2 | 98.7 | 99.1 | 95.3 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| - | ~ ` | 79.2 | 30.7 | 77.1 | 37.2 | 37.3 | 77.0 | 77.7 | 33.3 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | l | | | | | | | | ~~ ~ | | 100 0 | 100 0 | | | | | |
| | | 98.2 | 96.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 98.2 | 96.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Æ 10 | 90 I | 96.2 | 98.7 | 99.1 | 99.2 | 39. 5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| GE 0 | 100 | 98.2 | 98.7 | 99.1 | 99.2 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | • | | | | | | | | | | | | | | | | |

TOTAL HUMBER OF OBSERVATIONS 930

D - 2 - 104

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: DEC HOURS: 15-17

| CRILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-------------------------------------|---------|-------|-----------------|---------------|-------------|-------|-------|---------------|-------|---------------|---------------|-------|-------|-------|---------------|---------------|-------|
| | JEC 1 | | | _ | _ | | | | | | _ | | | | _ | | _ |
| IN | . 1 | GB | Œ | Œ | Œ | GE | GE C | GE | GE . | GE | Œ | GE | GE C | GE | GE | GE | GE |
| PER | . 1 | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| •••• | •••• | ••••• | • • • • • • • • | • • • • • • • | • • • • • • | ••••• | ••••• | • • • • • • • | | • • • • • • • | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • • | • • • • • • • | ••••• |
| #0 CE | IIL | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| CE 20 | 000 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 18 | 000 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 16 | 000 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| GE 14 | 000 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 12 | 000 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| | | | | | | | | | | | | | | | | | |
| GE 10 | 1000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| CE 9 | 000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| CE 8 | 000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 7 | 000 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 6 | 000 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| | | | | | | | | | | | | | | | | | |
| GE 5 | :000 l | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 4 | 500 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 4 | 000 | 97.2 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| QE 3 | 500 | 97.2 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| CER 3 | 1000 | 98.2 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| | | | | | | | | | | | | | | | | | - |
| CE 2 | 500 | 98.2 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| CE 2 | 000 | 98.7 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1 | 800 | 96.7 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1 | 500 | 96.7 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| CE 1 | 200 | 96.7 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| CE 1 | 000 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CIE . | 900 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| Œ | 500 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| æ | 400 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | - 1 | | | | | | | | | | | | | | | | |
| Œ | 000 | 98.7 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | • • • • | | | | | | | | | | | | | | | | |

TOTAL PURSER OF CREENVATIONS 930

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: DEC HOURS: 18-20

| | LST TO VIC: + 8 NOWTH: DEC NOORS: 18-20 | | | | | | | | | | | | | | | | |
|-------------------------------------|---|--------------|--------------|--------------|--------------|----------|-------|---------|----------------|-------|----------|-------|-------|---------|-------|-------|----------------|
| CEILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | ••••• | | |
| IN | 1 | Œ | CE | Œ | GE | Œ | GE | GE | CE | GE . | GE | Œ | GE | Œ | GE | Œ | GE |
| PRE | , | 7 | 6 | 5 | 4 | 3 | 2 1/2 | | | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| | | | | | . | . | | | | | . | | | | | | |
| | i | | | | | | | | | | | | | | | | ••••• |
| NO CE | RIL | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| | | | | | | | | | | | | | | | | | |
| GE 20 | 0000 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 18 | 3000 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| GB 16 | 5000 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 14 | 1000 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| CE 12 | 2000 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| | ŀ | | | | | | | | | | | | | | | | |
| GE 10 | 2000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 9 | 2000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 6 | 3000 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GB 7 | 7000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| CE 6 | 5000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| | | | | | | | | | | | | | | | | | |
| GE 5 | 5000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE (| 1500 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 4 | 1000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 3 | 3500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GB 3 | 3000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | | | | | | | | | | | | | |
| | 2500 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| | 5000 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GB 1 | 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| | | | | | | | | | | | | | | | | | |
| | 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 900 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 900 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE GE | 700 600 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 99.9 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 45 | 800 | 99.9 | 99.9 | 99.9 | 33.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 0 | 100.0 | 100 0 | 100.0 | 100.0 | 100 0 |
| CE | 400 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | | 100.0 | | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 |
| GE | 300 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE GE | 200 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 |
| GE. | 100 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 45 | 100 | 37.3 | 37.3 | 77.7 | 77.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE | 000 | 99.9 | 99.9 | 99.9 | 99.9 | 100 0 | 100 0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100 0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | اممر | 27.3 | 77.7 | 33.3 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: DEC HOURS: 21-23

| COTT TH | CRILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|----------------|-------------------------------------|---------------|---------------|---------------|---------------|-------------|---------------|---------------|---------------|-------|---------------|-------|---------------|---------------|---------------|-------|-------|
| CRILLIN | ~ i | crip. | _ | ~~ | ~ | | | | | | AND . | AD. | æ | œ | æ | æ | AD. |
| | | GE | Œ | GE | GE . | GE | GE 2 1/2 | GE | GE | GE | GE | GE | GE 5 (0 | GE 1/2 | GE 3.40 | GE | GE |
| FEET | ı | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| ••••• | •••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | ••••• |
| | . | | | | | | | | | | | | | | | | |
| NO CEI | IL 7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| | | | | | | | | | | | | | | | | | |
| GE 200 | | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 180 | 1000 | 86. 7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 160 | 100 | B 6. 7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | B6.7 |
| GB 140 | 100 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GB 120 | 900 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| | - 1 | | | | | | | | | | | | | | | | |
| GE 100 | 900 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GB 90 | 00 9 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 80 | 900 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| CE 70 | 900 s | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| CZE 60 | 00 9 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| | | | | | | | | | | | | | | | | | |
| CER 50 | 00 9 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| | | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| | | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| | 1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| | | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 46 30 | ا اسم | -0.0 | 30.0 | 30.0 | 30.0 | 30.7 | 70.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.1 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 |
| CER 25 | 00 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | | 99.5 | | | | 99.6 | | | | | 99.6 | 99.6 | | | | | |
| UK 12 | : اس: | 99. 3 | 99.5 | 99.5 | 99.5 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 10 | , loo | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| | | 99.7 | | | | | | | | | | | | | | | |
| | | | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 6 | 9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | 400 - | | | | | | |
| - | | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CE 1 | .00 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| | 100 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | •••• | • • • • • • • | | | • • • • • • | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: DEC HOURS: ALL

| CRILING IN OR OR OR OR OR OR OR OR OR O | | LST TO UTC: + 8 MONTH: DEC HOURS: ALL | | | | | | | | | | | | | | | | |
|--|--------------|---------------------------------------|-------------|---------------|---------------|---------------|---------------|-----------------|-------|-----------------|-------|-------------|---------------|-------------|-------------|-------------|-------------|-------|
| ## PRIET 7 6 5 4 3 2 1/2 2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 0 | • | | | | | | | | | | | | | | | ••••• | | |
| RO CEIL 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.5 74.6 84.4 84. | IN | - 1 | Œ | GE | Œ | CE | Œ | GE | GE | GE | GB | GE | GE | GE | Œ | GE | GE | GE |
| GE 20000 83.1 83.2 83.2 83.3 83.3 83.3 83.3 83.3 83.3 | PERT | ١ ا | 7 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 3/8 | 1/4 | 0 |
| GE 20000 83.1 83.2 83.2 83.3 83.3 83.3 83.3 83.3 83.3 | •••• | •••• | • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • • | ••••• | • • • • • • • • | ••••• | • • • • • • | • • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • | ••••• |
| GE 20000 83.1 83.2 83.2 83.3 83.3 83.3 83.3 83.3 83.3 | NO CE | п | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ## BOOD 84.2 84.2 84.3 84.4 | | | | | | | | | | | | | | | | | | |
| GE 16000 85.3 85.3 85.3 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 | | | | | | | | | | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 14000 88.4 88.5 88.5 88.6 88.6 88.6 88.6 88.6 88.6 | | | | | | | | | | | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 10000 GE 1000 GE 10000 GE 10000 GE 1000 GE 1000 GE 1000 GE 10000 GE 10000 GE 10000 GE 1000 GE | | | | | | | | | | | | | | | | | | |
| GE 10000 92.2 92.3 92.3 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 | | | | | | | | | | | | | | | | | | |
| GE 9000 92.6 92.6 92.6 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 | GE 12 | 000 | 90.6 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 8000 94.3 94.3 94.4 94.4 94.5 94.5 94.5 94.5 94.5 94.5 | GE 10 | 000 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 |
| GE 7000 95.0 95.1 95.1 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 | GB 9 | 000 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 5000 96.4 96.4 96.5 96.5 96.6 96.6 96.6 96.6 96.6 96.6 | GE 8 | 000 | 94.3 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 |
| GE 5000 96.9 97.0 97.1 97.2 97.2 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 | GE 7 | 000 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GR 4500 97.2 97.3 97.4 97.4 97.5 97.5 97.5 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 | GE 6 | 000 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GR 4500 97.2 97.3 97.4 97.4 97.5 97.5 97.5 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 | GR 50 | 000 | 96.9 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 |
| GE 4000 97.7 97.8 97.9 97.9 98.0 98.0 98.0 98.0 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 | GE 4 | 500 | 97.2 | | | | | | - | | | | | | | | | |
| GE 3500 97.7 97.8 97.9 98.0 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 | GE 4 | 000 | 97.7 | | | | | | | | | | | | | | _ | |
| GE 2500 98.4 98.5 98.6 98.7 98.8 98.9 98.9 98.9 98.9 98.9 98.9 | GE 3 | 500 | 97.7 | 97.8 | 97.9 | 98.0 | | | | | | | | | | | | |
| GE 2000 98.7 98.8 99.0 99.1 99.2 99.2 99.3 99.3 99.3 99.3 99.3 99.3 | GE 3 | 000 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | | |
| GE 2000 98.7 98.8 99.0 99.1 99.2 99.2 99.3 99.3 99.3 99.3 99.3 99.3 | | | | | | | | | | | | | | | | | | |
| GE 1800 98.7 98.8 99.0 99.1 99.3 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.5 | | | | | | | | | - | | | | | | - | | | |
| GE 1500 98.8 98.9 99.1 99.2 99.4 99.4 99.4 99.5 99.5 99.5 99.5 99.5 | | | | | | | | | | | | | | | | | | + |
| GE 1000 98.8 99.0 99.2 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.6 99.6 99.6 | | | | | | | | | | | | | | | | | | |
| GE 1000 98.9 99.1 99.3 99.4 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.8 | | | | | | | | | | | | | | | | | | |
| GE 900 98.9 99.1 99.3 99.4 99.6 99.6 99.8 99.8 99.8 99.8 99.8 99.8 | UK 1. | 200 | ¥0.5 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 800 98.9 99.1 99.3 99.4 99.6 99.6 99.8 99.8 99.8 99.8 99.8 99.9 99.9 | CE 1 | 000 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 700 98.9 99.1 99.3 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.9 99.9 99.9 | CE ! | 900 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE 500 98.9 99.1 99.3 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.9 99.9 | | | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 500 98.9 99.1 99.3 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.9 99.9 | | | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 98.9 99.1 99.3 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.9 99.9 | GE (| 600 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 98.9 99.1 99.3 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.9 99.9 | GE ! | 500 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 300 98.9 99.1 99.3 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.9 99.9 | GE 4 | 400 | 98.9 | 99.1 | 99.3 | | 99.6 | 99.7 | | | | | | | | | | |
| GE 200 98.9 99.1 99.3 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.9 99.9 | GE : | 300 | 98.9 | 99.1 | 99.3 | 99.4 | | | | | | | | | | | | |
| | GE : | 200 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | | | 99.9 | | | |
| | GE : | 100 | 98.9 | 99.1 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | |
| MB 000 00 0 00 1 00 1 00 1 00 1 00 1 00 | ~ | | 06.0 | | 00.7 | ~ . | | | | | | | | | | | | |
| GE 000 98.9 99.1 99.3 99.4 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.9 99.9 | ₩ 5 (| wo! | 30.9 | 33.1 | yy.3 | yy.4 | 33.6 | 99.7 | 99.8 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: ALL HOURS: ALL

| CBILING VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------|-------------|-------|---------------|---------------|----------------|-----------------|-------------|---------------|-------------|---------------|-----------|---------------|-----------|-------------|-----------|-------------|
| | N TING | ~ | ~ | an. | _ | | CE ATSTRIFT | | | | 78 | an a | ATP. | AB. | ~ | æ | ~ |
| | BT | GE 7 | GE 6 | GE 5 | GE 4 | GE 3 | 2 1/2 | GE 2 | GB 1 1/2 | GE 1 1/4 | GE 1 | GB 3/4 | GE 5/8 | GE 1/2 | GE 3/8 | GE 1/4 | GE O |
| | P 1 | , | • | • | • | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | | 3/4 | 2/0 | 1/2 | 3/6 | 1/4 | U |
| ••• | ·····i | | ••••• | • • • • • • • | • • • • • • • | • • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• | ••••• | ••••• | • • • • • • | ••••• | • • • • • |
| MO | CEIL | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| Œ | 20000 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| Œ | 18000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| C | 16000 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| Œ | 14000 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| Œ | 12000 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 |
| | | | | | | | | | | | | | | | | | |
| 63 | 10000 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| Œ | 9000 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| Œ | 8000 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| Œ | 7000 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| Œ | 6000 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| | | | | | | | | | | | | | | | | | |
| Œ | 5000 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| Œ | 4500 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| Œ | 4000 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| Œ | 3500 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| Œ | 3000 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| | | | | | | | | | | | | | | | | | |
| Œ | 2500 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| Œ | 2000 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| Œ | 1800 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99 .8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| 4 | 1500 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| æ | 1200 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| Œ | 1000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 900 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 800 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 700 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 600 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | | | | | | | | | | | | | | | |
| Œ | 500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 400 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 300 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 200 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Œ | 100 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| _ | | | | ••• | | | | | | | | | | 100.5 | 100.0 | | |
| Œ | 000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ••• | ••••• | • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • | • • • • • • • • | • • • • • • | • • • • • • • | • • • • • • | • • • • • • • | ••••• | • • • • • • • | ••••• | • • • • • • | ••••• | ••••• |

TOTAL MARKET OF OBSERVATIONS: 87634

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: JAN HOURS:ALL

LST TO UTC: + 8

| AIRWAY CLASSES | | | | | | | | | | |
|----------------|-------|-----------|--------|----------|----------------------|-----------|---------------------|--------------|--|--|
| HOURS (LST) | CLEAR | SCATTERED | BROKEN | OVERCAST | TOTAL OBSCURATION | GT 1/2 | PARTIAL OBSCURATION | TOTAL OBS | | |
| 00-02 | 46.6 | 25.3 | 13.9 | 14.1 | .2 | 28.2 | .1 | 930 | | |
| 03-05 | 45.3 | 25.7 | 14.0 | 15.1 | | 29.0 | .4 | 930 | | |
| 06-08 | 23.1 | 40.8 | 22.8 | 13.3 | | 36.1 | .9 | 930 | | |
| 09-11 | 16.8 | 43.0 | 25.5 | 14.7 | | 40.2 | 1.5 | 930 | | |
| 12-14 | 15.4 | 39.7 | 27.5 | 17.4 | | 44.9 | 1.2 | 930 | | |
| 15-17 | 15.3 | 37.8 | 29.1 | 17.7 | | 46.9 | 1.4 | 930 | | |
| 18-20 | 30.0 | 32.0 | 23.7 | 14.3 | | 38.0 | .5 | 930 | | |
| 21-23 | 39.7 | 29.0 | 17.5 | 13.8 | | 31.3 | .3 | 930 | | |
| ALL HOURS | 29.0 | 34.2 | 21.7 | 15.1 | .0 | 36.8 | .8 | 7440 | | |

MONTH: FEB HOURS: ALL

| 00-02 | 36.1 | 28.5 | 17.6 | 17.8 | 35.5 | | 846 |
|--------------|------|------|------|------|------|-----|------|
| 03-05 | 36.5 | 28.4 | 17.7 | 17.4 | 35.1 | .2 | 846 |
| 06-08 | 15.8 | 38.3 | 28.1 | 17.7 | 45.9 | .4 | 846 |
| 09-11 | 11.3 | 38.9 | 31.9 | 17.8 | 49.8 | .6 | 846 |
| 12-14 | 7.4 | 41.0 | 31.1 | 20.4 | 51.5 | 1.3 | 846 |
| 15-17 | 7.3 | 41.8 | 31.3 | 19.5 | 50.8 | 1.7 | 846 |
| 18-20 | 22.0 | 36.4 | 24.7 | 16.9 | 41.6 | .4 | 846 |
| 21-23 | 32.0 | 31.3 | 20.0 | 16.7 | 36.6 | .6 | 846 |
| ALL HOURS | 21.1 | 35.6 | 25.3 | 18.0 | 43.4 | .6 | 6768 |

PERCENTAGE PREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: MAR HOURS:ALL

LST TO UTC: + 8

| AIRWAY CLASSES | | | | | | | | | | |
|----------------|-------|-----------|--------|----------|----------------------|-----------|---------------------|--------------|--|--|
| Bours (LST) | CLEAR | SCATTERED | BROKEN | OVERCAST | TOTAL OBSCURATION | GT 1/2 | PARTIAL OBSCURATION | TOTAL OBS | | |
| 00-02 | 39.0 | 29.7 | 18.8 | 12.5 | | 31.3 | .3 | 930 | | |
| 03-05 | 33.4 | 36.6 | 16.6 | 13.4 | | 30.0 | .4 | 930 | | |
| 06-08 | 15.2 | 44.7 | 23.9 | 16.2 | | 40.1 | .9 | 930 | | |
| 09-11 | 9.6 | 45.6 | 27.6 | 17.2 | | 44.8 | .5 | 930 | | |
| 12-14 | 7.1 | 41.7 | 31.4 | 19.8 | | 51.2 | .3 | 930 | | |
| 15-17 | 6.1 | 40.0 | 34.3 | 19.6 | | 53.9 | .9 | 930 | | |
| 18-20 | 18.7 | 39.8 | 24.7 | 16.8 | | 41.5 | .8 | 930 | | |
| 21-23 | 33.0 | 34.5 | 18.6 | 13.8 | .1 | 32.5 | .2 | 930 | | |
| ALL BOURS | 20.3 | 39.1 | 24.5 | 16.2 | .0 | 40.7 | .5 | 7440 | | |

MONTH: APR HOURS: ALL

| 00-02 | 39.3 | 33.2 | 17.7 | 9.8 | 27.4 | .6 | 900 |
|--------------|------|------|------|------|------|-----|------|
| 03-05 | 29.9 | 40.2 | 19.0 | 10.9 | 29.9 | .6 | 900 |
| 06-08 | 15.1 | 46.4 | 25.4 | 13.0 | 38.4 | .6 | 900 |
| 09-11 | 9.6 | 51.3 | 24.0 | 15.1 | 39.1 | .1 | 900 |
| 12-14 | 6.7 | 47.6 | 29.0 | 16.8 | 45.8 | .1 | 900 |
| 15-17 | 8.4 | 40.0 | 34.8 | 16.8 | 51.6 | .8 | 900 |
| 18-20 | 16.8 | 38.8 | 31.3 | 13.1 | 44.4 | 1.0 | 900 |
| 21-23 | 34.8 | 34.8 | 21.0 | 9.4 | 30.4 | .6 | 900 |
| ALL BOURS | 20.1 | 41.5 | 25.3 | 13.1 | 38.4 | .5 | 7200 |
| | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 PERIOD OF RECORD: OC MONTH: MAY HOURS:ALL LST TO UTC: + 8

| ••••• | | • | •••••• | AIRWAY CL | lsees | ••••• | • | ******** |
|----------------|-------|---|--------|-----------|---|-----------|---|--------------|
| HOURS (LST) | CLEAR | SCATTERED | BROKEN | OVERCAST | TOTAL OBSCURATION | GT 1/2 | PARTIAL OBSCURATION | TOTAL OBS |
| 00-02 | 47.4 | 31.8 | 16.9 | 3.9 | • | 20.8 | .3 | 930 |
| 03-05 | 32.5 | 41.4 | 21.0 | 5.2 | | 26.1 | .1 | 930 |
| 06-08 | 22.9 | 45.5 | 21.9 | 9.7 | | 31.6 | 1.1 | 930 |
| 09-11 | 16.1 | 50.3 | 24.2 | 9.4 | | 33.5 | .5 | 930 |
| 12-14 | 10.5 | 50.9 | 28.5 | 10.1 | | 38.6 | .4 | 930 |
| 15-17 | 8.8 | 52.4 | 28.7 | 10.1 | | 38.8 | .5 | 930 |
| 18-20 | 16.8 | 49.7 | 23.7 | 9.9 | | 33.5 | .3 | 930 |
| 21-23 | 44.4 | 31.9 | 16.0 | 7.6 | | 23.7 | .3 | 930 |
| ALL HOURS | 24.9 | 44.2 | 22.6 | 8.2 | | 30.8 | .5 | 7440 |

MONTH: JUN HOURS: ALL

| 00-02 | 61.4 | 24.7 | 10.3 | 3.6 | ••• | 13.9 | | 900 |
|--------------|------|------|------|-----|-----|------|----|------|
| 03-05 | 41.6 | 40.9 | 13.4 | 4.1 | | 17.6 | .1 | 900 |
| 06-08 | 34.0 | 48.7 | 12.3 | 5.0 | | 17.3 | .1 | 900 |
| 09-11 | 25.7 | 54.1 | 14.8 | 5.4 | | 20.2 | .1 | 900 |
| 12-14 | 17.8 | 57.1 | 18.8 | 6.3 | | 25.1 | | 900 |
| 15-17 | 16.8 | 56.2 | 19.4 | 7.6 | | 27.0 | .3 | 900 |
| 18-20 | 23.9 | 50.8 | 20.2 | 5.1 | | 25.3 | .3 | 900 |
| 21-23 | 54.4 | 26.4 | 15.6 | 3.4 | .1 | 19.1 | .3 | 900 |
| ALL BOURS | 34.4 | 44.9 | 15.6 | 5.1 | .0 | 20.7 | .2 | 7200 |
| | | | | | | | | |

PERCENTAGE PREQUENCY OF OCCURRENCE OF SKY COVER FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

LST TO UTC: + 8

PERIOD OF RECORD: OCT 81 - SEP 91

MONTH: JUL HOURS:ALL

| | AIRMAY CLASSES | | | | | | | | | |
|----------------|----------------|-----------|--------|----------|----------------------|------------------|------------------------|--------------|--|--|
| HOURS (LST) | CLEAR | SCATTERED | eroken | OVERCAST | TOTAL OBSCURATION | GT 1/2 | PARTIAL OBSCURATION | TOTAL OBS | | |
| 00-02 | 48.0 | 30.4 | 14.7 | 6.9 | • | 21.6 | .1 | 930 | | |
| 03-05 | 31.3 | 45.2 | 19.1 | 4.4 | | 23.5 | | 929 | | |
| 06-08 | 25.2 | 51.0 | 18.8 | 5.1 | | 23.9 | | 930 | | |
| 09-11 | 20.3 | 57.8 | 17.3 | 4.5 | | 21.8 | | 930 | | |
| 12-14 | 14.5 | 59.1 | 21.0 | 5.4 | | 26.3 | .3 | 930 | | |
| 15-17 | 11.9 | 61.1 | 22.9 | 4.1 | | 27.0 | .6 | 930 | | |
| 18-20 | 20.0 | 51.9 | 23.3 | 4.7 | | 28.1 | .2 | 930 | | |
| 21-23 | 44.3 | 32.4 | 17.0 | 6.3 | | 23.3 | .3 | 930 | | |
| ALL BOURS | 26.9 | 48.6 | 19.3 | 5.2 | | 24.4 | .2 | 7439 | | |

MONTH: AUG BOURS: ALL

| 00-02 | 48.2 | 20.0 | 15.7 | 7.3 | 23.0 | .1 | 930 |
|--------------|------|------|------|-----|------|----|------|
| 03-05 | 37.3 | 39.6 | 16.0 | 7.1 | 23.1 | | 930 |
| 06-08 | 25.6 | 53.7 | 16.3 | 4.4 | 20.8 | .3 | 930 |
| 09-11 | 16.2 | 62.6 | 17.3 | 3.9 | 21.2 | .2 | 930 |
| 12-14 | 8.9 | 66.7 | 19.8 | 4.6 | 24.4 | | 930 |
| 15-17 | 8.4 | 60.0 | 27.0 | 4.6 | 31.6 | | 930 |
| 18-20 | 18.8 | 51.3 | 23.0 | 6.9 | 29.9 | .2 | 930 |
| 21-23 | 42.3 | 35.0 | 16.0 | 6.7 | 22.7 | .2 | 929 |
| ALL BOURS | 25.7 | 49.7 | 18.9 | 5.7 | 24.6 | .1 | 7439 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865

STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: SEP BOURS:ALL

LST TO UTC: + 8

AIRWAY CLASSES HOURS CLEAR SCATTERED BROKEN OVERCAST TOTAL GT PARTIAL (LST) OBSCURATION 1/2 OBSCURATION OBS 00-02 53.9 27.0 15.2 3.9 19.1 .3 900 03-05 37.1 43.6 14.1 5.2 19.3 .4 900 06-08 26.7 47.7 21.9 3.8 25.7 .1 900 09-11 16.4 58.9 19.2 5.4 24.7 900 .2 12-14 9.8 62.7 22.8 4.8 27.6 .7 900 15-17 12.0 57.3 25.8 4.8 30.6 .7 898 18-20 31.1 44.4 19.0 5.6 24.5 .7 897 21-23 46.5 34.0 13.8 5.7 .6 19.5 897 HOURS 30.0 46.1 19.0 4.9 23.9 .5 7192

MONTH: OCT HOURS: ALL

| 00-02 | 52.8 | 25.3 | 16.2 | 5.7 | 21.9 | | 930 |
|--------------|------|------|------|-----|------|----|------|
| 03-05 | 51.3 | 28.1 | 15.1 | 5.6 | 20.6 | | 930 |
| 06-08 | 29.1 | 44.4 | 21.8 | 4.6 | 26.5 | | 930 |
| 09-11 | 27.1 | 43.8 | 22.9 | 6.2 | 29.1 | .2 | 930 |
| 12-14 | 21.9 | 47.4 | 23.8 | 6.9 | 30.6 | .3 | 930 |
| 15-17 | 21.8 | 46.3 | 25.8 | 6.0 | 31.8 | .3 | 930 |
| 18-20 | 38.3 | 36.1 | 19.2 | 6.3 | 25.6 | .1 | 930 |
| 21-23 | 48.5 | 30.9 | 15.4 | 5.3 | 20.6 | | 930 |
| ALL HOURS | 36.4 | 37.8 | 20.0 | 5.8 | 25.9 | .1 | 7440 |

PERCENTAGE PREQUENCY OF OCCURRENCE OF SKY COVER

-

FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV HOURS:ALL

| ••••• | | | ••••• | • • • • • • • • • • | • | • • • • • • | • • • • • • • • • • • • • • • • • | • • • • • • • • • |
|-------|-------|-----------|--------|---------------------|---|-------------|-----------------------------------|-------------------|
| _ | | | | AIRWAY CL | Leses | | | |
| BOURS | CLEAR | SCATTERED | BROKEN | OVERCAST | TOTAL | GT | PARTIAL | TOTAL |
| (LST) | | | | | OBSCURATION | 1/2 | OBSCURATION | OBS |
| | | | | • • • • • • • • • • | • | | | |
| 00-02 | 43.9 | 27.8 | 20.2 | 8.1 | | 28.3 | .6 | 900 |
| 03-05 | 45.1 | 26.7 | 20.4 | 7.7 | .1 | 28.2 | .3 | 900 |
| 06-08 | 17.6 | 45.6 | 27.4 | 9.4 | | 36.9 | 1.2 | 900 |
| 09-11 | 15.9 | 43.9 | 27.8 | 12.4 | | 40.2 | .8 | 900 |
| 12-14 | 12.9 | 41.8 | 32.0 | 13.3 | | 45.3 | | 900 |
| | | | | | | | | |
| 15-17 | 12.0 | 44.9 | 30.8 | 12.3 | | 43.1 | .2 | 900 |
| 18-20 | 34.7 | 31.8 | 21.2 | 12.3 | | 33.6 | | 900 |
| 21-23 | 40.4 | 29.3 | 18.9 | 11.3 | | 30.2 | | 900 |
| ALL | | | | | • | | | |
| HOURS | 27.8 | 36.5 | 24.8 | 10.9 | .0 | 35.7 | .4 | 7200 |

MONTH: DEC HOURS: ALL

| 00-02 | 44.5 | 25.5 | 16.0 | 13.9 | .1 | 30.0 | .9 | 930 |
|--------------|------|------|------|------|----|------|-----|------|
| 03-05 | 43.9 | 26.1 | 16.2 | 13.8 | | 30.0 | 1.1 | 930 |
| 06-08 | 19.2 | 40.1 | 26.9 | 13.4 | .3 | 40.6 | 1.7 | 930 |
| 09-11 | 15.1 | 37.6 | 32.6 | 14.7 | | 47.3 | 1.3 | 930 |
| 12-14 | 9.7 | 42.7 | 31.1 | 16.6 | | 47.6 | .8 | 930 |
| 15-17 | 9.5 | 44.3 | 31.1 | 15.2 | | 46.2 | .4 | 930 |
| 18-20 | 31.1 | 31.3 | 22.2 | 15.5 | | 37.6 | | 930 |
| 21-23 | 38.9 | 30.0 | 16.8 | 14.3 | | 31.1 | | 930 |
| ALL BOURS | 26.5 | 34.7 | 24.1 | 14.7 | .1 | 38.8 | .8 | 7440 |

PERCENTEAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

LST TO UTC: + 8

PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: ALL HOURS: ALL

| | • • • • • • • • • • • | • | | AIRWAY CL | Asses | • • • • • • | • | |
|----------------|-----------------------|---|--------|-----------|-------------------|-------------|---|--------------|
| HOURS (LST) | CLEAR | SCATTERED | BROKEN | OVERCAST | TOTAL OBSCURATION | GT 1/2 | PARTIAL OBSCURATION | TOTAL OBS |
| 00-02 | 46.8 | 28.2 | 16.1 | 8.9 | .0 | 25.0 | .3 | 10956 |
| 03-05 | 39.3 | 34.7 | 16.9 | 9.1 | .0 | 26.0 | .3 | 10955 |
| 06-08 | 22.5 | 45.6 | 22.3 | 9.6 | .0 | 31.9 | .6 | 10956 |
| 09-11 | 16.7 | 49.0 | 23.7 | 10.5 | | 34.3 | .5 | 10956 |
| 12-14 | 11.9 | 49.9 | 26.4 | 11.8 | | 38.2 | -4 | 10956 |
| 15-17 | 11.6 | 48.6 | 28.4 | 11.5 | | 39.9 | .6 | 10954 |
| 18-20 | 25.2 | 41.2 | 23.0 | 10.6 | | 33.6 | .4 | 10953 |
| 21-23 | 41.7 | 31.6 | 17.2 | 9.5 | .0 | 26.7 | .3 | 10952 |
| ALL BOURS | 27.0 | 41.1 | 21.7 | 10.2 | .0 | 31.9 | .4 | 87638 |

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| PPPPP | PPP | AAA | AAA | RRRR | RRRR | TTTTTTTTTT | EERREEREE |
|-------|------|-----------|-------|-------|-------|------------|------------|
| PPPPP | PPPP | AAAA | AAAA | RRRR | RRRRR | THURSTANT | REFERENCE |
| PP | PP | λλ | AA | RR | RR | TT | EE |
| PP | PP | λħ | λħ | RR | RR | TT | EE |
| PPPPP | PPPP | λÀ | λA | RRRR | RRRRR | TT | ERERER |
| PPPPP | PPP | AAAAA | AAAAA | RRRR | RRRR | TT | BERKKE |
| PP | | AAAAAAAAA | | RR RR | | TT | BE |
| PP | | AA | AA | RR | RR | TT | EE |
| PP | | AA | λA | RR | RR | TT | REERERREE |
| PP | | AA | λλ | RR | RR | TT | RKRKEEERRR |

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE—CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE
POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS
SUMMARIZED BY MOWIE FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE
YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5,
GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS,
STANDARD DEVIATIONS, AWD TOTAL OBSERVATION COUNTS ARE GIVEN.

MOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES
CAME ROUTINELY FROM BOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED
DATA COLLECTION FROM ALL USAP-OPERATED STATIONS. REFER TO THE "STATION HISTORY"
PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMP-ERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTELY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUPPARIZED:

- BY EIGHT 3-BOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.
THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29,
"ENGINEERING WEATHER DATA," AND AMSP 105-56, "METBOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE PREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, HEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW"
TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES
ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES
MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:

F = 1.8C + 32

C = K - 273.0 (BEFORE 5 APRIL 77) C = K - 273.2 (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POP).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE
HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.
THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A' USAFETAC, ASHEVILLE NC CUMULATIVE PERCENTAGE PREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT USAFETAC, ASHEVILLE NC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL

| JAN | FEB | MAR | APR | | | | | | | | | |
|-----------------|-----------------|-----------------|----------------|---------------------|--------------------------|-------------------------------|------------------------------------|---|--|---|--|---|
| | | | AFR | MAY | JUN | JUL | AUG | SEP | OCT | MOA | DEC | ANN |
| • • • • • • • • | • • • • • • • • | • • • • • • • • | ••••• | •••••• | .3 | 1.3 | .1 | .1 | ••••• | ••••• | | |
| | | | | .3 | 5.6 | 14.7 | 6.9 | .6 | | | | 2.4 |
| | | | | 1.4 | 22.7 | 50.6 | 32.1 | 7.8 | | | | 9.8 |
| | | | .1 | 7.0 | 47.7 | 83.2 | 69.0 | 28.8 | .3 | | | 20.1 |
| | | | 2.0 | 24.4 | 71.2 | 95.2 | 89.3 | 54.1 | 7.4 | | | 29.2 |
| | | .4 | 11.0 | 46.5 | 87.0 | 98.7 | 96.9 | 76.8 | 22.1 | | | 37.3 |
| | .1 | 3.0 | 25.6 | 67.1 | 93.9 | 99.7 | 99.1 | 88.9 | 41.9 | .5 | | 44.1 |
| .1 | 1.6 | 12.6 | 47.0 | 79.7 | 98.3 | 100.0 | 99.7 | 96.2 | 63.4 | 6.9 | | 51.2 |
| .9 | 7.8 | 28.1 | 66.8 | 89.3 | 99.7 | | 99.8 | 98.6 | 78.7 | 23.3 | .6 | 58.9 |
| 4.0 | 22.3 | 48.0 | 80.8 | 95.8 | 100.0 | | 100.0 | 99.8 | 90.2 | 42.4 | 4.9 | 66.3 |
| 17.0 | 44.8 | 68.1 | 90.7 | 98.9 | | | | 100.0 | 96.7 | 63.9 | 18.1 | 75.3 |
| 39.0 | 68.2 | 85.9 | 97.0 | 100.0 | | | | | 99.0 | 80.4 | 44.8 | 84.6 |
| 64.6 | 86.2 | 95.6 | 99.3 | | | | | | 99.8 | 93.9 | 70.2 | 92.0 |
| 84.9 | 94.5 | 99.0 | 99.9 | | | | | | 100.0 | 98.5 | 87.3 | 97. |
| 94.5 | 98.2 | 99.9 | 100.0 | | | | | | | 99.9 | 96.0 | 99.1 |
| 98.5 | 99.5 | 100.0 | | | | | | | | 100.0 | 99.1 | 99.0 |
| 99.7 | 100.0 | | | | | | | | | | 99.6 | 99.9 |
| 99.9 100.0 | | | | | | | | | | | 100.0 | 100.6 |
| | | | | | | | | | | | | |
| 57.1 7.55 | 63.0 8.17 | 68.9 8.66 | 78.0 9.31 | 87.5 9.31 | 98.2 7.86 | 104.2 5.32 | 101.6 5.82 | 94.6 7.72 | 81.9 9.04 | 67.4 8.31 | 58.0 7.23 | 80.3 18.27 |
| ••• | | 7.55 8.17 | 7.55 8.17 8.66 | 7.55 8.17 8.66 9.31 | 7.55 8.17 8.66 9.31 9.31 | 7.55 8.17 8.66 9.31 9.31 7.86 | 7.55 8.17 8.66 9.31 9.31 7.86 5.32 | 7.55 8.17 8.66 9.31 9.31 7.86 5.32 5.82 | 7.55 8.17 8.66 9.31 9.31 7.86 5.32 5.82 7.72 | 7.55 8.17 8.66 9.31 9.31 7.86 5.32 5.82 7.72 9.04 | 7.55 8.17 8.66 9.31 9.31 7.86 5.32 5.82 7.72 9.04 8.31 | 7.55 8.17 8.66 9.31 9.31 7.86 5.32 5.82 7.72 9.04 8.31 7.23 |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL TEMP JAN FRB MAR APR MAY JUN JUL AUG SKP OCT NOV DEC ANN (DEG-F) CE .9 .1 .1 .1 9.7 Œ 85 1.2 4.8 1.3 Œ 80 .6 7.8 33.7 22.9 1.7 5.7 GE 75 3.9 23.3 61.6 52.5 9.9 12.9 .1 29.1 GR 70 .1 12.0 49.4 85.3 77.3 .8 21.7 GE 65 .3 3.5 29.5 77.0 96.7 93.1 57.8 5.5 .1 30.9 .2 92.5 99.8 98.7 81.9 CR 13.5 56.3 19.3 .5 39.4 60 1.3 .1 95.1 GE 55 .3 1.3 4.7 34.9 79.4 98.0 100.0 99.9 45.5 3.1 .3 47.7 Œ 99.9 100.0 99.2 50 1.4 6.8 19.9 61.7 93.3 69.7 12.5 1.6 56.3 Œ 84.9 100.0 100.0 88.1 45 5.9 19.7 46.1 98.7 30.1 6.0 65.6 GE 40 19.5 42.2 75.4 97.3 100.0 96.9 57.1 16.9 75.9 GE 35 99.3 38.7 41.4 68.1 92.4 99.9 80.4 85.3 Œ 33 52.5 76.8 95.6 99.9 99.6 87.1 51.0 88.8 99.8 Œ 30 69.8 88.4 98.0 100.0 95.1 71.8 93.7 91.6 98.1 **QR** 25 89.7 97.2 99.7 100.0 98.9 Œ 20 96.5 99.6 100.0 99.9 97.9 99.5 Œ 15 99.2 99.6 99.9 100.0 100.0 100.0 100.0 Œ 10 100.0 38.1 43.9 51.8 60.7 69.4 76.3 74.5 65.7 53.2 40.8 33.1 MEAN 33.2 53.7 7.33 7.38 6.71 6.79 7.42 7.00 6.28 6.36 6.71 7.24 SD 7.31 6.83 16.65 TOTAL OBS 1386 1271 1415 1380 1426 1380 1426 1426 1380 1364 1320 1364 16538

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL TEE JAN PEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC (DEG-F) CE 100 1.0 .4 .1 9.5 Œ 95 .1 4.1 20.8 .1 3.0 Œ 90 1.1 20.3 57.7 43.5 5.7 11.0 Œ 90.4 77.9 85 7.2 50.4 26.1 21.5 Œ 80 .8 25.8 77.4 98.9 95.5 56.7 2.8 30.5 Œ 75 .2 8.9 53.9 91.2 99.9 99.4 83.8 17.8 38.7 .1 CER 2.0 70 28.0 73.7 97.2 100.0 100.0 95.5 41.9 .3 45.7 Œ 65 1.3 12.2 54.3 88.0 99.9 98.8 70.2 5.1 53.3 Œ .7 60 8.7 33.2 78.5 96.6 99.9 87.1 23.2 .9 100.0 61.5 Œ 55 5.5 29.0 62.8 92.3 99.9 100.0 96.1 50.8 5.4 70.7 Œ 50 26.5 58.8 86.2 99.0 99.2 76.4 100.0 25.8 81.3 Œ 45 57.6 82.9 96.9 99.9 99.8 92.7 61.4 91.1 Œ 40 82.8 94.8 99.5 100.0 99.9 98.7 86.6 96.9 Œ 94.9 98.9 100.0 100.0 100.0 35 97.1 99.2 Œ 33 96.8 99.6 98.5 99.6 Œ 30 98.9 99.9 99.2 99.8 Œ 25 99.8 100.0 99.9 100.0 Œ 20 100.0 100.0 100.0 45.3 90.5 88.3 80.3 67.7 54.3 45.8 50.8 56.6 65.1 74.3 84.0 67.2 6.59 6.48 7.59 7.03 6.58 4.52 4.96 6.09 7.04 6.53 5.74 17.00 TOTAL OBS 1386 1271 1415 1380 1426 1380 1426 1426 1380 1364 1320 1364 16538

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL jan feb MAR APR MAY OCT NOV 82* 119* R1 110* 54* RΩ 117* RΩ

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL FEB JUN AUG SEP MOV RQ 112* CHATTER TOTAL COS 1306 1271 1415 1380 1426 1426 1380 1364 1320 1364 16538

THE CHEATERT VALUE OF 119 OCCURRED ON 07/24/42

NOTE: "THE VALUE IS BASED ON A MONTH WITE LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

MONTELY MINIMUM TEMPERATURES IN FARRENHEIT FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 4203-4409,4901-9109 STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV LST TO UTC: +08 MONTH: ALL HOURS: ALL NOV YEAR JAN FRR MAR APR MAY JUN JUL AUG SEP OCT DEC ANNUAL 23* 28* 25* 18* 14* · 25 -

OPERATING LOCATION 'A' USAPETAC, ASSEVILLE NO

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION MARBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 MONTH: ALL HOURS: ALL LST TO UTC: +08 PEB MAR APR SEP OCT NOV MAY JUN 14*

| | • | ••••• | • • • • • • • | | ••••• | • • • • • • • | | • • • • • • • | ••••• | • • • • • • • | ••••• | • | |
|-----------|---|-------|---------------|------|-------|---------------|------|---------------|-------|---------------|-------|---|-------|
| LEAST | 10 | 16 | 21 | 31 | 41 | 48 | 59 | 54 | 45 | 25 | 17 | 11 | 10 |
| ••••• | | | | | | | | | | | | | |
| TOTAL OBS | 1386 | 1271 | 1415 | 1380 | 1426 | 1380 | 1426 | 1426 | 1380 | 1364 | 1320 | 1364 | 16538 |

THE LEAST VALUE OF 10 OCCURRED ON 01/05/50

NOTE: "THE VALUE IS BASED ON A MONTE WITE LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 LST TO UTC: +08 MONTH: ALL HOURS: ALL YEAR JAK FEB MAR APR MAY JUN JUL AUG SEP OCT HOV DEC AMNUAL. 55* 72* 68* 35* 66* ó٤

MONTHLY MEAN TEMPERATURES IN FARRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: 4203-4409,4901-9109 MONTH: ALL BOURS: ALL LST TO UTC: +08 8EP OCT NOV DEC ANNUAL -JAN 71* 45.3 50.8 56.6 65.1 88.3 80.3 74.3 84.0 90.5 67.7 54.3 45.8 TOTAL CBS | 1386 1271 1415 1380 1426 1380 1426 1380 1364 1320 1364 16538

NOTE: "THE VALUE IS BASED ON A MONTH WITE LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

BOURS

51.5

10.809

6758

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JAN HOURS MEAN STANDARD TOTAL MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LST DEVIATION OBS LE 0 LE 32 GE 65 GE 80 GE 93 HOURS 00-02 40.4 6.452 930 0 110 0 0 0 930 03-05 38.1 6.570 930 0 193 0 0 930 0 06-08 37.4 6.798 930 0 229 0 0 0 930 09~11 46.8 6.356 930 0 8 2 0 0 930 12-14 54.8 6.263 930 0 0 66 0 0 930 15-17 55.6 6.465 930 93 O O 0 O 930 18-20 47.8 5.865 930 0 3 1 0 0 930 21-23 43.3 6.037 930 41 0 0 930 ALL BOURS 45.5 9.134 7440 584 162 0 0 7440 MONTH: PER 00-02 7.795 41 7 0 0 846 03-05 43.3 7.828 846 0 73 1 0 0 846 06-08 42.9 8.023 846 0 83 5 0 0 846 09-11 53.2 8.561 846 69 0 10 0 O 846 12-14 60.6 9.022 846 0 1 318 11 0 846 15-17 61.8 9.299 846 0 0 386 17 18-20 54.6 8.244 846 0 6 91 0 0 846 21-23 49.5 7.686 846 0 12 13 O 0 846

E-5-1- 1

226

890

28

0

6768

ALL BOURS

67.3

11.001

7200

DRY BULB TEMPERATURE SUMMARY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAR HOURS MEAN STANDARD TOTAL MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LST DEVIATION OBS LE 0 LE 32 GE 65 GE 80 GE 93 HOURS 00-02 52.4 7.020 929 03-05 49.6 6.969 930 0 2 19 0 0 930 06-08 7.085 930 50.4 0 930 0 O 29 0 7.864 09-11 61.1 930 0 0 283 13 0 930 12-14 67.1 8.297 930 0 0 562 93 0 930 930 15-17 68.2 8.756 0 0 604 118 0 930 62.4 6.049 930 0 0 18-20 0 347 20 930 7.459 930 21-23 56.5 0 133 0 0 930 ALL BOURS 58.4 10.266 7439 2 2020 0 7439 244 MONTH: APR 00-02 60.3 7.011 900 255 0 900 0 03-05 56.9 6.836 900 0 127 1 0 900 06-08 60.0 7.711 900 0 0 251 0 900 8.525 09-11 70.7 900 0 0 672 163 0 900 12-14 76.2 9.289 900 800 345 17 900 0 0 15-17 77.5 9.377 900 806 388 37 900 18-20 71.9 8.745 900 0 0 708 179 0 900 7.442 900 21-23 64.9 n 478 21 Ω 900

B-5-1- 2

0

4097

1104

54

7200

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LS | r to utc: + | 8 NONTH: MAY |
|--------------|------|-----------------------|--------------|---|
| Bours LST | MEAN | STANDARD DEVIATION | TOTAL OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 0 LE 32 GE 65 GE 80 GE 93 HOURS |
| 00-02 | 68.8 | 8.050 | 930 | 0 0 650 87 2 930 |
| 03-05 | 65.2 | 7.696 | 930 | 0 0 482 31 0 930 |
| 06-08 | 70.3 | 8.632 | 930 | 0 0 685 128 5 930 |
| 09-11 | 80.2 | 9.215 | 930 | 0 0 890 504 86 930 |
| 12-14 | 65.8 | 9.683 | 930 | 0 0 914 679 222 930 |
| 15-17 | 87.1 | 9.758 | 930 | 0 0 915 740 275 930 |
| 18-20 | 81.8 | 9.510 | 930 | 0 0 887 583 111 930 |
| 21-23 | 74.3 | 8.593 | 930 | 0 0 798 257 14 930 |
| ALL BOURS | 76.7 | 11.733 | 7440 | 0 0 6221 3009 715 7440 |
| | | | | MONTH: JUN |
| 00-02 | 77.7 | 6.662 | 900 | 0 0 868 364 0 900 |
| 03-05 | 73.1 | 6.420 | 900 | 0 0 811 139 0 900 |
| 0608 | 79.3 | 7.082 | 900 | 0 0 876 459 16 900 |
| 09-11 | 90.1 | 6.983 | 900 | 0 0 900 827 359 900 |
| 12-14 | 96.0 | 7.107 | 900 | 0 0 900 879 644 900 |
| 15-17 | 97.4 | 6.966 | 900 | 0 0 900 890 681 900 |
| 18-20 | 92.1 | 7.066 | 900 | 0 0 900 852 462 900 |
| 21-23 | 83.9 | 6.501 | 900 | 0 0 898 694 63 900 |
| ALL BOURS | 86.2 | 10.893 | 7200 | 0 0 7053 5104 2225 7200 |

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: RELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 HOWTH: JUL

| | | LS | T TO UTC: + | | |
|--------------|-------|-----------------------|--------------|-----------------------|------------|
| Bours LST | MEAN | STANDARD DEVIATION | TOTAL OBS | ·—-· ···· | PAL URS |
| 00-02 | 83.1 | 6.387 | 930 | 0 0 928 669 50 | 930 |
| 03-05 | 78.8 | 6.460 | 930 | 0 0 921 448 10 | 930 |
| 06-08 | 83.7 | 6.637 | 930 | 0 0 928 689 74 | 930 |
| 09-11 | 94.3 | 6.339 | 930 | 0 0 930 907 609 | 930 |
| 12-14 | 100.0 | 6.841 | 930 | 0 0 930 920 819 | 930 |
| 15-17 | 101.5 | 7.173 | 930 | 0 0 929 917 832 | 930 |
| 18-20 | 96.6 | 7.060 | 930 | 0 0 930 906 707 | 930 |
| 21-23 | 89.0 | 6.079 | 930 | 0 0 930 868 284 9 | 930 |
| ALL BOURS | 90.9 | 10.307 | 7440 | 0 0 7426 6324 3385 76 | 440 |
| ••••• | | | | MONTH: AUG | |
| 00-02 | 81.4 | 6.036 | 930 | 0 0 930 582 21 | 930 |
| 03-05 | 77.5 | 6.241 | 930 | 0 0 919 369 1 | 930 |
| 06-08 | 81.0 | 6.834 | 930 | 0 0 923 559 36 | 930 |
| 09-11 | 92.0 | 6.403 | 930 | 0 0 930 886 485 | 930 |
| 12-14 | 97.9 | 6.717 | 930 | 0 0 930 911 763 | 930 |
| 15-17 | 99.2 | 6.763 | 930 | 0 0 930 912 802 | 930 |
| 18-20 | 93.6 | 6.525 | 930 | 0 0 930 893 561 | 930 |
| 21-23 | 86.7 | 5.854 | 930 | 0 0 930 815 163 | 930 |
| ALL BOURS | 88.7 | 10.025 | 7440 | 0 0 7422 5927 2832 7 | 440 |

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NAME: NELLIS AFB/LAS VEGAS NV STATION NUMBER: 723865 PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: SEP MEAN STANDARD HOURS TOTAL MEAN NUMBER OF BOURS WITH TEMPERATURES DEG F TOTAL LST DEVIATION OBS LE 0 LE 32 GE 65 GE 80 GE 93 **HOURS** 00-02 73.2 7.276 900 0 0 792 190 0 900 03-05 69.8 7.149 0 70 0 900 Ω 682 900 06-08 72.2 7.871 900 748 0 0 0 181 900 09-11 84.6 8.047 900 0 0 894 683 900 12-14 90.6 8.293 900 0 0 900 809 389 900 15-17 91.4 8.734 898 429 O n 896 811 898 18-20 84.7 8.346 897 0 0 886 675 164 897 21-23 77.6 7.593 897 10 0 0 859 385 897 ALL HOURS 80.5 11.156 7192 6656 3804 1138 7192 MONTH: OCT 00-02 60.5 6.870 930 0 277 0 03-05 57.5 7.078 930 0 0 163 0 0 930 06-08 58.4 7.457 930 0 O 194 1 0 930 09-11 7.545 71.4 930 747 141 0 0 0 930 12-14 78.4 7.848 930 0 0 886 448 29 930 15-17 78.7 8.248 930 0 0 880 471 38 930 18-20 70.5 7.584 930 0 0 714 124 0 930 21-23 63.8 6.726 930 0 Ω 425 5 n 930 ALL HOURS 67.4 10.949 7440 0 0 4286 1190 67 7440

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: NOV

| BOURS | MEAN | STANDARD | TOTAL | mran numbe | D OE BOI | IDO WIND | TEMPERATE | מעת פעסוד | F TOTAL |
|---|--|--|--|------------------|------------------------------|-----------------------------------|-----------------|-------------|--|
| LST | | DEVINTION | OBS | LE O | LB 32 | GE 65 | GE 80 | GE 93 | HOURS |
| 101 | • | PRAINTION | | шь О | IIB 32 | | | | |
| 00-02 | 49.3 | 8.344 | 900 | 0 | 8 | 31 | 0 | 0 | 900 |
| 00-02 | 43.3 | 0.544 | 300 | v | u | 31 | • | · | 300 |
| 03-05 | 46.8 | 8.314 | 900 | 0 | 25 | 14 | 0 | 0 | 900 |
| | 10.0 | 0.514 | 300 | · | | | · | • | 300 |
| 06-08 | 46.6 | 8.355 | 900 | o | 41 | 12 | 0 | 0 | 900 |
| 00 -00 | 1 43.5 | 0.555 | 300 | v | 41 | 1.5 | · | · | 300 |
| 09-11 | 57.7 | 8.124 | 900 | 0 | 0 | 192 | 2 | 0 | 900 |
| 45.77 | "" | 0.124 | 300 | v | • | 136 | • | · | 300 |
| 12-14 | 64.7 | 8.081 | 900 | 0 | 0 | 447 | 21 | 0 | 900 |
| | "" | 01002 | 300 | · · | • | *** | | • | 300 |
| 15-17 | 64.3 | 8.301 | 900 | 0 | 0 | 438 | 21 | 0 | 900 |
| | | 01302 | 300 | · | • | 430 | | • | 300 |
| 18-20 | 56.8 | 7.904 | 900 | 0 | 0 | 165 | 0 | 0 | 900 |
| | | | ••• | • | • | 103 | • | • | 300 |
| 21-23 | 51.8 | 8.084 | 900 | 0 | 4 | 56 | 0 | 0 | 900 |
| | | | | • | _ | | • | • | 300 |
| ALL | ł | | | | | | | | |
| BOURS | 54.8 | 10.629 | 7200 | 0 | 78 | 1355 | 44 | 0 | 7200 |
| | | | | | | | • • • | - | |
| | | | | | • • • • • • • | | | | |
| ••••• | • • • • • • • • • • | • | • • • • • • • • • • • | ••••••• | ••••• | ••••• | • • • • • • • • | ••••• | |
| ••••• | • • • • • • • • • • | •••••• | ••••• | ••••• | MONT | M: DEC | • • • • • • • | ••••• | |
| | • | | | •••••• | MORT | H: DEC | | •••••• | |
| 00-02 | 39.8 | 6.895 | 930 | | MONT | TH: DEC | | | 930 |
| | 39.8 | 6.895 | 930 | 0 | • • • • • • • | | 0 | 0 | 930 |
| 00-02 | 39.8 37.8 | 6.895 7.103 | 930 | 0 | • • • • • • • | | o | o | 930 |
| 03-05 | 37.8 | | | | 119 | 0 | | | |
| | | | | | 119 | 0 | | | |
| 03-05 06-08 | 37.8 37.2 | 7.103 7.348 | 930 930 | 0 | 119 191 223 | 0 | 0 | o | 930 930 |
| 03-05 | 37.8 | 7.103 | 930 | 0 | 119 191 | 0 | 0 | o | 930 |
| 03-05 06-08 09-11 | 37.8 37.2 46.6 | 7.103 7.348 6.840 | 930 930 930 | o o o | 119 191 223 25 | 0 0 0 3 | 0 | o o o | 930 930 930 |
| 03-05 06-08 | 37.8 37.2 | 7.103 7.348 | 930 930 | 0 | 119 191 223 | 0 | 0 | o o | 930 930 |
| 03-05 06-08 09-11 12-14 | 37.8 37.2 46.6 54.4 | 7.103 7.348 6.840 6.663 | 930 930 930 930 | 0 0 0 | 119 191 223 25 | 0 0 0 3 35 | 0 0 | 0 0 0 | 930 930 930 930 |
| 03-05 06-08 09-11 | 37.8 37.2 46.6 | 7.103 7.348 6.840 | 930 930 930 | o o o | 119 191 223 25 | 0 0 0 3 | 0 | o o o | 930 930 930 |
| 03-05 06-08 09-11 12-14 15-17 | 37.8 37.2 46.6 54.4 | 7.103 7.348 6.840 6.663 6.781 | 930 930 930 930 | 0 0 0 0 | 119 191 223 25 3 | 0 0 0 3 35 46 | 0 0 | o o o | 930 930 930 930 930 |
| 03-05 06-08 09-11 12-14 | 37.8 37.2 46.6 54.4 | 7.103 7.348 6.840 6.663 | 930 930 930 930 | 0 0 0 | 119 191 223 25 | 0 0 0 3 35 | 0 0 | 0 0 0 | 930 930 930 930 |
| 03-05 06-08 09-11 12-14 15-17 18-20 | 37.8 37.2 46.6 54.4 54.4 46.7 | 7.103 7.348 6.840 6.663 6.781 6.307 | 930 930 930 930 930 | 0 0 0 0 | 119 191 223 25 3 5 | 0 0 0 3 35 46 3 | 0 0 0 | 0 0 0 | 930 930 930 930 930 |
| 03-05 06-08 09-11 12-14 15-17 | 37.8 37.2 46.6 54.4 | 7.103 7.348 6.840 6.663 6.781 | 930 930 930 930 | 0 0 0 0 | 119 191 223 25 3 | 0 0 0 3 35 46 | 0 0 | o o o | 930 930 930 930 930 |
| 03-05 06-08 09-11 12-14 15-17 18-20 21-23 | 37.8 37.2 46.6 54.4 54.4 46.7 | 7.103 7.348 6.840 6.663 6.781 6.307 | 930 930 930 930 930 | 0 0 0 0 | 119 191 223 25 3 5 | 0 0 0 3 35 46 3 | 0 0 0 | 0 0 0 | 930 930 930 930 930 |
| 03-05 06-08 09-11 12-14 15-17 18-20 21-23 | 37.8 37.2 46.6 54.4 54.4 46.7 | 7.103 7.348 6.840 6.663 6.781 6.307 | 930 930 930 930 930 930 | 0 0 0 0 | 119 191 223 25 3 5 25 | 0 0 3 35 46 3 | 0 0 0 0 0 | 0 0 0 | 930 930 930 930 930 930 |
| 03-05 06-08 09-11 12-14 15-17 18-20 21-23 | 37.8 37.2 46.6 54.4 54.4 46.7 | 7.103 7.348 6.840 6.663 6.781 6.307 | 930 930 930 930 930 | 0 0 0 0 | 119 191 223 25 3 5 | 0 0 0 3 35 46 3 | 0 0 0 | 0 0 0 | 930 930 930 930 930 |

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DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 ST

STATION NAME: NELLIS AFB/LAS VEGAS NV

AS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | PSI | 10 010: + | 8 | | | MONTH | : WPP | | | |
|--------------|------|-----------------------|--------------|---|-------|----------------|---------|-----------------|-----------|---------------------|----------------|
| HOURS LST | MBAN | STANDARD DEVIATION | TOTAL OBS | | MEAN | NUMBER LE 0 | OF HOUR | S WITH GE 65 | TEMPERATO | JRES DEG F GE 93 | TOTAL HOURS |
| 00-02 | 61.1 | 16.654 | 10955 | • | ••••• | 0 | 278 | 4781 | 1895 | 73 | 10955 |
| 03-05 | 58.0 | 15.967 | 10956 | | | 0 | 484 | 4139 | 1058 | 11 | 10956 |
| 06-08 | 60.0 | 18.057 | 10956 | | | 0 | 576 | 4651 | 2021 | 131 | 10956 |
| 09-11 | 70.8 | 18.480 | 10956 | | | 0 | 43 | 6512 | 4126 | 1685 | 10956 |
| 12-14 | 77.3 | 17.971 | 10956 | | | 0 | 4 | 7688 | 5116 | 2883 | 10956 |
| 15-17 | 78.2 | 18.371 | 10954 | | | ၁ | 5 | 7823 | 5285 | 3094 | 10954 |
| 18-20 | 71.7 | 18.943 | 10953 | | | 0 | 34 | 6562 | 4232 | 2005 | 10953 |
| 21-23 | 65.4 | 17.650 | 10953 | | | 0 | 115 | 5521 | 3045 | 534 | 10953 |
| ALL HOURS | 67.8 | 19.232 | 87639 | | | 0 | 1539 | 47677 | 26778 | 10416 | 87639 |

WET BULB TEMPERATURE SUMMARY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN

| | | LS | T TO UTC: + | 8 MONTH: JAN | |
|--------------|------|-----------------------|--------------|---|-----|
| HOURS LST | MRAN | STANDARD DEVIATION | TOTAL OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOT LE 32 GE 50 GE 67 GE 73 GE 80 HOU | |
| 00-02 | 34.0 | 5.725 | 930 | 368 2 0 0 0 | 30 |
| 03-05 | 32.4 | 5.870 | 930 | 493 3 0 0 0 9 | 930 |
| 06-08 | 32.0 | 5.960 | 930 | 525 3 0 0 0 9 | 930 |
| 09-11 | 37.9 | 5.178 | 930 | 142 8 0 0 0 9 | 930 |
| 12-14 | 41.9 | 4.696 | 930 | 23 30 0 0 0 9 | 930 |
| 15-17 | 42.2 | 4.560 | 930 | 16 29 0 0 0 | 930 |
| 18-20 | 38.5 | 4.939 | 930 | 120 7 0 0 0 | 930 |
| 21-23 | 35.9 | 5.317 | 930 | 237 3 0 0 0 9 | 930 |
| ALL HOURS | 36.9 | 6.458 | 7440 | 1924 85 0 0 0 74 | 140 |
| | | | | MONTE: FEB | |
| | | | | | |
| 00-02 | 37.8 | 6.930 | 846 | 181 45 0 0 0 8 | 846 |
| 03-05 | 36.3 | 7.028 | 846 | 263 31 0 0 0 8 | 346 |
| 06-08 | 36.0 | 7.120 | 846 | 263 32 0 0 0 8 | 846 |
| 09-11 | 41.9 | 6.692 | 846 | 70 113 0 0 0 | 846 |
| 12-14 | 45.3 | 6.377 | 846 | 35 201 0 0 0 | 946 |
| 15-17 | 45.7 | 6.252 | 846 | 33 229 0 0 0 6 | 846 |
| 18-20 | 42.5 | 6.349 | 846 | 54 114 0 0 0 | 846 |
| 21-23 | 39.9 | 6.492 | 846 | 94 62 0 0 0 8 | 846 |
| ALL BOURS | 40.7 | 7.582 | 6768 | 993 827 0 0 0 67 | 768 |

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR

| | | LSI | TO UTC: | ₽ 8 | | MONTE | : MAR | | | |
|--------------|------|-----------------------|---------|---|-----|---------|-----------------|--------------------------|-------|----------------|
| HOURS LST | HEAN | STANDARD DEVIATION | TOTAL | MEAN | | OF HOUR | S WITH GE 67 | TEMPERATURES GE 73 GE | DEG F | TOTAL HOURS |
| 00-02 | 41.9 | 5.500 | 929 | | 42 | 78 | 0 | 0 | 0 | 929 |
| 03-05 | 40.5 | 5.656 | 930 | | 82 | 58 | 0 | 0 | 0 | 930 |
| 06-08 | 41.1 | 5.512 | 930 | | 62 | 61 | 0 | 0 | 0 | 930 |
| 09-11 | 46.4 | 4.992 | 930 | | 1 | 283 | 0 | o | 0 | 930 |
| 12-14 | 48.7 | 4.998 | 930 | | 0 | 428 | 0 | 0 | o | 930 |
| 15-17 | 49.1 | 4.935 | 930 | | 0 | 440 | 0 | o | 0 | 930 |
| 18-20 | 46.5 | 4.981 | 930 | | 2 | 272 | 0 | 0 | 0 | 930 |
| 21-23 | 44.0 | 5.281 | 930 | | 17 | 140 | 0 | o | 0 | 930 |
| ALL BOURS | 44.8 | 6.136 | 7439 | | 206 | 1760 | 0 | o | 0 | 7439 |
| | | | | | | MONTE | : APR | | | |
| 00-02 | 46.0 | 4.952 | 900 | • | 0 | 222 | 0 | 0 | 0 | 900 |
| 03-05 | 44.4 | 5.133 | 900 | | 3 | 162 | 0 | 0 | 0 | 900 |
| 06-08 | 46.3 | 5.315 | 900 | | 3 | 268 | 0 | o | 0 | 900 |
| 09-11 | 51.2 | 4.972 | 900 | | 0 | 592 | 0 | o | 0 | 900 |
| 12-14 | 53.3 | 5.029 | 900 | | 0 | 683 | o | 0 | 0 | 900 |
| 15-17 | 53.7 | 4.998 | 900 | | 0 | 713 | 0 | 0 | 0 | 900 |
| 18-20 | 51.2 | 4.931 | 899 | | 0 | 590 | 0 | 0 | 0 | 899 |
| 21-23 | 48.2 | 4.807 | 900 | | 0 | 381 | 0 | 0 | 0 | 900 |
| ALL BOURS | 49.3 | 6.071 | 7199 | | 6 | 3611 | 0 | 0 | 0 | 7199 |

WET BULB TEMPERATURE SUMMARY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

| | | LST | 10 UIC: + | 8 | | HOWTE | : MAY | | | |
|--------------|--------------|-----------------------|--------------|--------|---|---------|-------|--------------|---|----------------|
| BOURS LST | MEAN | STANDARD DEVIATION | TOTAL OBS | MEAN | | OF HOUR | | TEMPERATURES | | TOTAL HOURS |
| 00-02 | 50.5 | 4.948 | 930 | •••••• | 0 | 521 | 0 | 0 | 0 | 930 |
| 03-05 | 48.9 | 4.979 | 930 | | 0 | 425 | 0 | 0 | 0 | 930 |
| 06-08 | 51.8 | 4.989 | 930 | | 0 | 615 | 0 | 0 | 0 | 930 |
| 09-11 | 56.0 | 4.745 | 930 | | 0 | 846 | 4 | 0 | 0 | 930 |
| 12-14 | 58.1 | 4.963 | 930 | | 0 | 881 | 41 | 0 | 0 | 930 |
| 15-17 | 58.5 | 4.948 | 930 | | 0 | 890 | 48 | 0 | 0 | 930 |
| 18-20 | 56.0 | 4.959 | 930 | | 0 | 828 | 9 | 0 | 0 | 930 |
| 21-23 | 52 .8 | 4.859 | 930 | | 0 | 690 | 2 | 0 | 0 | 930 |
| ALL HOURS | 54.1 | 5.902 | 7440 | | 0 | 5696 | 104 | 0 | 0 | 7440 |
| | | | , , | | | MONTH | : JUN | | | |
| 00-02 | 55.2 | 4.756 | 900 | | 0 | 795 | 6 | 0 | 0 | 900 |
| 03-05 | 53.5 | 4.876 | 900 | | 0 | 709 | 2 | 0 | 0 | 900 |
| 06-08 | 56.6 | 4.597 | 900 | | 0 | 844 | 15 | 0 | 0 | 900 |
| 09-11 | 61.0 | 3.980 | 900 | | 0 | 897 | 79 | 0 | 0 | 900 |
| 12-14 | 63.4 | 4.152 | 900 | | 0 | 900 | 221 | 6 | 0 | 900 |
| 15-17 | 63.9 | 4.014 | 900 | | 0 | 900 | 255 | 8 | 0 | 900 |
| 18-20 | 61.3 | 4.033 | 900 | | 0 | 898 | 104 | 1 | 0 | 900 |
| 21-23 | 57.5 | 4.279 | 900 1 | | 0 | 865 | 22 | 0 | 0 | 900 |
| ALL BOURS | 59.1 | 5.660 | 7200 | | 0 | 6808 | 704 | 15 | 0 | 7200 |

WET BULB TEMPERATURE SUMMARY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JUL

| | | 165 | r to ord: + | | | MANTE | : JOE | | | |
|--------------|------|-----------------------|--------------|--------|-----------------|-------|-------|-------|---------------------|-------|
| Hours Let | MEAN | STANDARD DEVIATION | TOTAL OBS | | NUMBER LE 32 | GE 50 | GE 67 | GB 73 | URES DEG F GE 80 | HOURS |
| 00-02 | 60.9 | 5.963 | 930 | ••••• | 0 | 912 | 214 | 0 | 0 | 930 |
| 03-05 | 59.3 | 6.545 | 930 | | 0 | 868 | 159 | 0 | 0 | 930 |
| 06-08 | 61.9 | 5.825 | 930 | | 0 | 918 | 271 | 7 | 0 | 930 |
| 09-11 | 66.2 | 4.325 | 930 | | 0 | 930 | 458 | 55 | 0 | 930 |
| 12-14 | 68.3 | 3.634 | 930 | | 0 | 930 | 642 | 121 | 0 | 930 |
| 15-17 | 68.5 | 3.232 | 930 | | 0 | 930 | 705 | 95 | 0 | 930 |
| 18-20 | 66.1 | 3.957 | 930 | | 0 | 930 | 476 | 33 | 0 | 930 |
| 21-23 | 63.0 | 5.037 | 930 | | 0 | 929 | 294 | 2 | 0 | 930 |
| ALL HOURS | 64.3 | 5.860 | 7440 | | 0 | 7347 | 3219 | 313 | 0 | 7440 |
| | | | | | | MONTH | : AUG | | | |
| 00-02 | 62.0 | 6.743 | 930 | •••••• | 0 | 892 | 318 | 16 | 0 | 930 |
| 03-05 | 60.9 | 7.423 | 930 | | 0 | 843 | 287 | 7 | 0 | 930 |
| 06-08 | 62.8 | 6.816 | 930 | | 0 | 896 | 380 | 15 | 0 | 930 |
| 09-11 | 66.8 | 4.742 | 930 | | 0 | 930 | 548 | 84 | 0 | 930 |
| 12-14 | 68.6 | 3.945 | 930 | | 0 | 930 | 646 | 159 | o | 930 |
| 15-17 | 68.6 | 3.591 | 930 | | 0 | 930 | 660 | 147 | 0 | 930 |
| 18-20 | 66.2 | 4.503 | 930 | | 0 | 930 | 489 | 61 | 0 | 930 |
| 21-23 | 63.9 | 5.721 | 930 | | 0 | 927 | 395 | 28 | 0 | 930 |
| ALL BOURS | 65.0 | 6.276 | 7440 | | 0 | 7278 | 3723 | 517 | 0 | 7440 |

WET BULB TEMPERATURE SUPERARY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: SEP

| | | Last | r 10 UIC: | • • | | MOMIN: | BEP | | | |
|--------------|------|-----------------------|--------------|-----------|-----------------|----------|---------------|------------------------|-------------------|----------------|
| Bours LST | MEAN | STANDARD DEVIATION | TOTAL CES | HEAR | NUMBER LE 32 | OF HOURS | WITH GE 67 | TEMPERATURI GE 73 (| es deg f Je 80 | TOTAL BOURS |
| 00-02 | 55.6 | 6.383 | 900 | ••••••••• | 0 | 711 | 39 | 0 | 0 | 900 |
| 03-05 | 54.2 | 6.648 | 900 | | 0 | 647 | 23 | 0 | 0 | 900 |
| 06-08 | 55.7 | 6.710 | 900 | | 0 | 727 | 52 | o | 0 | 900 |
| 09-11 | 60.7 | 5.373 | 900 | | 0 | 885 | 147 | 3 | 0 | 900 |
| 12-14 | 62.8 | 5.007 | 900 | | 0 | 900 | 251 | 13 | 0 | 900 |
| 15-17 | 62.7 | 4.758 | 898 | | 0 | 898 | 250 | 3 | 0 | 898 |
| 18-20 | 60.1 | 5.347 | 897 | | 0 | 884 | 113 | 3 | 0 | 897 |
| 21-23 | 57.2 | 6.006 | 897 | | 0 | 812 | 62 | 2 | 0 | 897 |
| ALL BOURS | 58.6 | 6.652 | 7192 | | 0 | 6464 | 937 | 24 | 0 | 7192 |
| | | | | | | MONTH: | OCT | | | |
| 00-02 | 47.1 | 5.950 | 930 | ••••• | 3 | 301 | 0 | 0 | 0 | 930 |
| 03-05 | 45.6 | 6.364 | 930 | | 5 | 252 | 0 | 0 | 0 | 930 |
| 06-08 | 46.2 | 6.383 | 930 | | 10 | 295 | 0 | 0 | 0 | 930 |
| 09-11 | 52.7 | 5.118 | 930 | | 0 | 685 | 0 | 0 | 0 | 930 |
| 12-14 | 55.4 | 4.588 | 930 | | 0 | 815 | 1 | 0 | 0 | 930 |
| 15-17 | 55.4 | 4.542 | 930 | | 0 | 811 | 0 | 0 | 0 | 930 |
| 18-20 | 51.8 | 5.095 | 930 | | 0 | 639 | 0 | 0 | 0 | 930 |
| 21-23 | 48.7 | 5.616 | 930 | | 1 | 414 | 0 | o | 0 | 930 |
| ALL HOURS | 50.4 | 6.600 | 7440 | | 19 | 4212 | 1 | 0 | 0 | 7440 |

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: NOV

| | | 100 | 1 10 010: 1 | • | | HOWID: | MOV. | | | |
|--------------|------|-----------------------|--------------|------|-------------|--------|---------------|---------------------|-------------------|-------|
| BOURS LST | MEAN | STANDARD DEVIATION | TOTAL OBS | MEAN | LE 32 | GE 50 | WITH GE 67 | TEMPERATUR GE 73 | es deg f ge 80 | HOURS |
| 00-02 | 39.5 | 6.849 | 900 | | 146 | 78 | 0 | 0 | 0 | 900 |
| 03-05 | 38.1 | 6.978 | 900 | | 218 | 51 | 0 | 0 | 0 | 900 |
| 06-08 | 37.9 | 6.942 | 900 | | 208 | 44 | 0 | 0 | 0 | 900 |
| 09-11 | 44.3 | 5.832 | 900 | | 14 | 184 | 0 | 0 | 0 | 900 |
| 12-14 | 47.6 | 5.269 | 900 | | 4 | 338 | 0 | 0 | 0 | 900 |
| 15-17 | 47.4 | 5.435 | 900 | | 4 | 323 | 0 | o | 0 | 900 |
| 18-20 | 43.8 | 5.978 | 900 | | 18 | 165 | 0 | 0 | 0 | 900 |
| 21-23 | 40.9 | 6.499 | 900 | | 72 | 101 | 0 | 0 | 0 | 900 |
| ALL BOURS | 42.4 | 7.238 | 7200 | | 684 | 1284 | 0 | 0 | 0 | 7200 |
| | | | | | | MONTH: | DEC | | | |
| 00-02 | 33.6 | 6.634 | 930 | | 4 11 | 4 | | 0 | | 930 |
| 03-05 | 32.3 | 6.733 | 930 | | 494 | 0 | 0 | 0 | 0 | 930 |
| 06-08 | 31.9 | 6.893 | 930 | | 497 | 0 | 0 | 0 | 0 | 930 |
| 09-11 | 37.8 | 5.959 | 930 | | 169 | 15 | 0 | 0 | 0 | 930 |
| 12-14 | 41.9 | 5.355 | 930 | | 55 | 42 | 0 | 0 | 0 | 930 |
| 15-17 | 42.0 | 5.484 | 930 | | 57 | 43 | 0 | 0 | 0 | 930 |
| 18-20 | 37.9 | 6.049 | 930 | | 178 | 11 | 0 | 0 | 0 | 930 |
| 21-23 | 35.4 | 6.463 | 930 | | 311 | 6 | 0 | 0 | 0 | 930 |
| ALL | 32.4 | 0.703 | ,,,, | | 711 | v | J | ŭ | v | 330 |
| BOURS | 36.6 | 7.203 | 7440 | | 2172 | 121 | 0 | 0 | 0 | 7440 |

WET BULB TEMPERATURE SUPPARY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: ALL

BOURS Mean Standard Total MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LST DEVIATION OBS LE 32 GE 50 GE 67 GE 73 GE 80 HOURS 00-02 47.1 11.285 10955 1151 4561 577 16 0 10955 7 45.6 11.436 471 03-05 10956 1558 4049 0 10956 06-08 4703 46.7 12.304 10956 1568 718 22 0 10956 09-11 52.0 11.269 10956 396 6368 1236 142 0 10956 12-14 54.7 10.517 10956 117 7078 1802 299 0 10956 54.8 15-17 10.476 10954 110 7136 1918 253 10954 18-20 51.9 11.051 10952 6268 372 1191 98 0 10952 21-23 49.0 11.136 10953 732 5330 775 32 0 10953 ALL HOURS 11.699 87638 50.2 6004 45493 8688 869 0 87638

DEW POINT TEMPERATURE SURMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: JAN

| | | | | 100210 0110 | |
|---|--|--|---|--|---------------------------------|
| BOURS LST | HEAH | STANDARD DEVIATION | TOTAL OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27 GE 37 LE 55 GE 65 | HOURS |
| 00-02 | 22.9 | 9.806 | 930 | 620 73 930 0 | 930 |
| 03-05 | 22.1 | 9.681 | 930 | 638 66 930 0 | 930 |
| 06-08 | 22.0 | 9.696 | 930 | 644 63 930 0 | 930 |
| 09-11 | 23.9 | 9.873 | 930 | 570 98 930 0 | 930 |
| 12-14 | 23.3 | 10.001 | 930 | 600 87 930 0 | 930 |
| 15-17 | 23.1 | 9.936 | 930 | 603 79 930 0 | 930 |
| 18-20 | 24.0 | 9.996 | 930 | 561 92 930 0 | 930 |
| 21-23 | 23.6 | 9.795 | 930 | 584 85 930 0 | 930 |
| ALL | 23.1 | 9.899 | 7440 | 4820 643 7440 0 | 7440 |
| BOURS | • | 3.033 | • | *************************************** | |
| BOOKS | | •••••• | | MONTH: FEB | |
| 00-02 | 25.3 | 11.278 | 846 | *************************************** | 846 |
| ••••• | | • | • | MONTE: FEB | ••••• |
| 00-02 | 25.3 | 11.278 | 846 | MONTE: FEB 495 143 846 0 | 846 |
| 00-02 | 25.3 24.8 | 11.278 11.256 | 846 846 | MONTH: FEB 495 143 846 0 503 120 846 0 | 846 846 |
| 00-02 03-05 06-08 | 25.3 24.8 24.8 | 11.278 11.256 11.122 | 846 846 846 | MONTH: FEB 495 143 846 0 503 120 846 0 503 119 846 0 | 846 846 846 |
| 00-02 03-05 06-08 09-11 | 25.3 24.8 24.8 26.2 | 11.278 11.256 11.122 11.094 | 846 846 846 846 | MONTH: FEB 495 143 846 0 503 120 846 0 503 119 846 0 478 140 846 0 | 846 846 846 846 |
| 00-02 03-05 06-08 09-11 12-14 | 25.3 24.8 24.8 26.2 25.4 | 11.278 11.256 11.122 11.094 11.213 | 846 846 846 846 | MONTH: FEB 495 143 846 0 503 120 846 0 503 119 846 0 478 140 846 0 489 132 846 0 | 846 846 846 846 |
| 00-02 03-05 06-08 09-11 12-14 15-17 | 25.3 24.8 24.8 26.2 25.4 24.7 | 11.278 11.256 11.122 11.094 11.213 11.123 | 846 846 846 846 846 | HONTH: FEB 495 143 846 0 503 120 846 0 503 119 846 0 478 140 846 0 489 132 846 0 501 121 846 0 | 846 846 846 846 846 |

DEW POINT TEMPERATURE SUPERARY PROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: MAR

| | | | | _ | | | | |
|--|--|---|--|---|--|---|------------------|--|
| BOURS | MEAN | STANDARD | TOTAL | ATTENDED TO SECOND | 1910 OF 1941 | me wrom | TEMPERATURES | OBO B MOMET |
| | PERM | | | | | | | |
| LST | į. | DEVIATION | OBS | 145 4 | ?7 GE 37 | LE 55 | QE 65 | HOURS |
| 00-02 | 27.6 | 10.275 | 929 | 460 | 205 | 929 | 0 | 929 |
| VU-V2 | 27.0 | 10.273 | 767 | 400 | 203 | 747 | • | 727 |
| 03-05 | 27.4 | 9.980 | 930 | 455 | 200 | 930 | 0 | 930 |
| 03-03 | -/ | 3.300 | 730 | 433 | | ,,,, | • | 330 |
| 06-08 | 28.1 | 9.720 | 930 | 444 | 203 | 930 | 0 | 930 |
| | | 20,20 | | | | | • | |
| 09-11 | 20.3 | 9.605 | 930 | 434 | 200 | 930 | 0 | 930 |
| | | | | | | | - | |
| 12-14 | 26.9 | 9.462 | 930 | 476 | 145 | 930 | 0 | 930 |
| | | | | | | | | |
| 15-17 | 26.3 | 9.267 | 930 | 510 | 129 | 930 | 0 | 930 |
| | | | | | | | | |
| 18-20 | 26.6 | 9.975 | 930 | 503 | 162 | 930 | 0 | 930 |
| | | | | | | | | |
| 21-23 | 27.4 | 10.051 | 930 | 466 | 185 | 930 | 0 | 930 |
| | | | | | | | | |
| ALL | | | | | | | | |
| BOURS | 27.3 | 9.837 | 7439 | 3754 | 1429 | 7439 | 0 | 7439 |
| avora (| | 3.03. | | | | | | |
| | | | •••••• | ••••• | | ••••• | | ••••• |
| | | •••••• | •••••• | ••••• | ••••• | ••••• | | ••••• |
| avora (| | | •••••• | | ••••• | TH: APR | | ••••• |
| | • | | •••••• | | МОЯ | TH: APR | | ••••• |
| 00-02 | 28.2 | 9.741 | 900 | 455 | МОЯ | ••••• | 0 | 900 |
| 00-02 | 28.2 | 9.741 | 900 | 45: | MORT 183 | TH: APR | - | 900 |
| | • | | •••••• | | MORT 183 | TH: APR | 0 | ••••• |
| 00-02 | 28.2 28.2 | 9.741 9.621 | 900 | 455 445 | MORT 183 | 900 | 0 | 900 |
| 00-02 | 28.2 | 9.741 | 900 | 45: | MORF 183 | 900 | - | 900 |
| 00-02 03-05 06-08 | 28.2 28.2 29.4 | 9.741 9.621 9.478 | 900 900 900 | 455 445 398 | Morro 183 181 196 | 900 900 909 | 0 | 900 900 900 |
| 00-02 | 28.2 28.2 | 9.741 9.621 | 900 | 455 445 | Morro 183 181 196 | 900 | 0 | 900 |
| 00-02 03-05 06-08 09-11 | 28.2 28.2 29.4 29.7 | 9.741 9.621 9.478 9.225 | 900 900 900 | 455 445 398 364 | 183 181 3 196 4 188 | 900 900 900 899 | 0 | 900 900 900 |
| 00-02 03-05 06-08 | 28.2 28.2 29.4 | 9.741 9.621 9.478 | 900 900 900 900 | 455 445 398 | 183 181 3 196 4 188 | 900 900 900 899 | 0 0 | 900 900 900 900 |
| 00-02 03-05 06-08 09-11 | 28.2 28.2 29.4 29.7 | 9.741 9.621 9.478 9.225 | 900 900 900 900 | 455 445 398 364 | MOR. 183 181 196 188 7 157 | 900 900 900 899 | 0 0 | 900 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 | 28.2 28.2 29.4 29.7 29.0 | 9.741 9.621 9.478 9.225 9.313 | 900 900 900 900 900 | 455 445 398 364 377 | MOR. 183 181 196 188 7 157 | 900 900 899 900 897 | 0 0 0 | 900 900 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 | 28.2 28.2 29.4 29.7 29.0 | 9.741 9.621 9.478 9.225 9.313 | 900 900 900 900 900 | 455 445 398 364 377 | HORF 183 181 196 188 7 157 6 149 | 900 900 899 900 897 | 0 0 0 | 900 900 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 15-17 | 28.2 28.2 29.4 29.7 29.0 | 9.741 9.621 9.478 9.225 9.313 9.289 | 900 900 900 900 900 | 455 445 398 364 377 408 | HORF 183 181 196 188 7 157 6 149 | 900 900 900 899 900 897 896 | 0 0 0 0 | 900 900 900 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 15-17 | 28.2 28.2 29.4 29.7 29.0 | 9.741 9.621 9.478 9.225 9.313 9.289 | 900 900 900 900 900 | 455 445 398 364 377 408 | HORT 183 181 196 188 157 149 | 900 900 900 899 900 897 896 | 0 0 0 0 | 900 900 900 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 15-17 18-20 | 28.2 28.2 29.4 29.7 29.0 28.4 27.8 | 9.741 9.621 9.478 9.225 9.313 9.289 9.825 | 900 900 900 900 900 900 | 455 445 398 364 377 408 452 | HORF 183 181 196 188 7 157 149 | 900 900 899 900 897 896 | 0 0 0 0 | 900 900 900 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 15-17 18-20 | 28.2 28.2 29.4 29.7 29.0 28.4 27.8 | 9.741 9.621 9.478 9.225 9.313 9.289 9.825 | 900 900 900 900 900 900 | 455 445 398 364 377 408 452 | HORF 183 181 196 188 7 157 149 | 900 900 899 900 897 896 | 0 0 0 0 | 900 900 900 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 | 28.2 28.2 29.4 29.7 29.0 28.4 27.8 | 9.741 9.621 9.478 9.225 9.313 9.289 9.825 | 900 900 900 900 900 900 | 455 445 398 364 377 408 452 | HORT 183 181 196 188 157 149 157 183 | 900 900 899 900 897 896 896 | 0 0 0 0 | 900 900 900 900 900 900 |

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: MAY

| Hours | MEAN | STANDARD DEVIATION | TOTAL OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F T LE 27 GE 37 LE 55 GE 65 E | OTAL OURS |
|--|--------------------------------------|--|---------------------------------|--|---------------------------------|
| 00-02 | 30.3 | 8.948 | 930 | 356 204 924 0 | 930 |
| 03-05 | 30.4 | 9.099 | 930 | 363 211 919 0 | 930 |
| 06-08 | 32.2 | 8.481 | 930 | 257 250 918 0 | 930 |
| 09-11 | 32.7 | 7.848 | 930 | 233 248 916 0 | 930 |
| 12-14 | 32.6 | 7.661 | 930 | 247 255 918 0 | 930 |
| 15-17 | 32.0 | 7.730 | 930 | 270 258 921 0 | 930 |
| 18-20 | 30.5 | 8.270 | 930 | 377 178 919 0 | 930 |
| 21-23 | 30.0 | 8.922 | 930 | 394 171 920 0 | 930 |
| ALL | - | | | | 7440 |
| HOURS | 31.3 | 8.468 | 7440 | 2497 1775 7355 0 7 | 440 |
| HOURS | 31.3 | 8.468 | 7440 | 2497 1775 7355 0 7 | •••• |
| 90-02 | 31.3 | 9.649 | 900 | •••••• | 900 |
| ••••• | | | | MONTE: JUN | •••• |
| 00-02 | 33.0 | 9.649 | 900 | MONTE: JUN 261 274 882 0 | 900 |
| 00-02 | 33.0 33.3 | 9.649 9.765 | 900 | MONTH: JUN 261 274 882 0 246 297 882 0 | 900 |
| 00-02 03-05 06-08 | 33.0 33.3 35.4 | 9.649 9.765 8.925 | 900 900 900 | MONTE: JUN 261 274 882 0 246 297 882 0 186 387 882 0 | 900 900 900 |
| 00-02 03-05 06-08 09-11 | 33.0 33.3 35.4 36.5 | 9.649 9.765 8.925 8.016 | 900 900 900 900 | HONTH: JUN 261 274 882 0 246 297 882 0 186 387 882 0 121 440 881 0 | 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 | 33.0 33.3 35.4 36.5 37.0 | 9.649 9.765 8.925 8.016 7.424 | 900 900 900 900 | MONTH: JUN 261 274 882 0 246 297 882 0 186 387 882 0 121 440 881 0 92 460 891 0 | 900 900 900 900 900 |
| 00-02 03-05 06-08 09-11 12-14 15-17 | 33.0 33.3 35.4 36.5 37.0 | 9.649 9.765 8.925 8.016 7.424 7.322 | 900 900 900 900 900 | HONTE: JUN 261 274 882 0 246 297 882 0 186 387 882 0 121 440 881 0 92 460 891 0 87 453 887 2 | 900 900 900 900 900 |

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: JUL

| | | Lea | TO UTC: + | 5 | | MONTH: | JUL | | |
|--|--------------------------------------|--|--|----|----------------------------|---|--|-----------------------------|--|
| HOURS LST | MEAN | Standard Deviation | TOTAL OBS | | | | WITH LB 55 | TEMPERATURES DEG GB 65 | F TOTAL BOURS |
| 00-02 | 42.1 | 13.486 | 930 | 1 | 29 | 546 | 736 | 32 | 930 |
| 03-05 | 42.3 | 13.637 | 930 | 1: | 20 | 586 | 729 | 33 | 930 |
| 06-08 | 44.6 | 12.767 | 930 | | 78 | 652 | 6:16 | 42 | 930 |
| 09-11 | 46.1 | 11.130 | 930 | | 25 | 718 | 682 | 29 | 930 |
| 12-14 | 46.1 | 10.035 | 930 | | 20 | 780 | 722 | 31 | 930 |
| 15-17 | 45.3 | 9.276 | 930 | : | 23 | 793 | 777 | 16 | 930 |
| 18-20 | 43.7 | 10.487 | 930 | | 40 | 663 | 769 | 12 | 930 |
| 21-23 | 42.4 | 12.683 | 930 | 10 | 03 | 553 | 734 | 23 | 930 |
| ALL | 44.1 | 11.905 | 7440 | 5 | 38 | 5291 | 5845 | 218 | 7440 |
| BOURS | | 11.903 | ,440 | | | | | | |
| BOURS | | 11.505 | | | | MONTH: | AUG | | •••••• |
| 00-02 | 46.4 | 14.444 | 930 | | 26 | ••••• | AUG 622 | 75 | 930 |
| ••••• | | | | 1 | | MONTE: | • • • • • | | |
| 00-02 | 46.4 | 14.444 | 930 | 1 | 26 | MONTH: | 622 | 75 | 930 |
| 00-02 | 46.4 47.1 | 14.444 14.624 | 930 930 | 1 | 26 15 | MONTH: 669 665 | 622 580 | 75 94 | 930 930 |
| 00-02 03-05 06-08 | 46.4 47.1 48.8 | 14.444 14.624 13.652 | 930 930 930 | 1 | 26 15 82 | MONTH: 669 665 701 | 622 580 548 | 75 94 105 | 930 930 930 |
| 00-02 03-05 06-08 09-11 | 46.4 47.1 48.8 49.6 | 14.444 14.624 13.652 12.117 | 930 930 930 930 | 1 | 26 15 82 | 669 665 701 742 | 580 548 564 | 75 94 105 89 | 930 930 930 930 |
| 00-02 03-05 06-08 09-11 12-14 | 46.4 47.1 48.8 49.6 48.8 | 14.444 14.624 13.652 12.117 10.843 | 930 930 930 930 930 | 1 | 26 15 82 21 | MONTH: 669 665 701 742 771 | 580 548 564 623 | 75 94 105 89 54 | 930 930 930 930 930 |
| 00-02 03-05 06-08 09-11 12-14 15-17 | 46.4 47.1 48.8 49.6 48.8 | 14.444 14.624 13.652 12.117 10.843 | 930 930 930 930 930 930 | 1 | 26 15 82 21 10 | MONTH: 669 665 701 742 771 763 | 522 580 548 564 623 679 | 75 94 105 89 54 | 930 930 930 930 930 930 |

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: WELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: SEP

| | | LE | IT TO UTC: + | 6 MONTH: MEP |
|--------------|------|-----------------------|--------------|---|
| BOURS LST | Mean | STANDARD DEVIATION | TOTAL OBS | MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 27 GE 37 LE 55 GE 65 HOURS |
| 00-02 | 38.8 | 12.558 | 900 | 197 522 817 9 900 |
| 03-05 | 38.9 | 12.466 | 900 | 199 516 812 12 900 |
| 06-08 | 40.1 | 12.341 | 900 | 169 552 793 9 900 |
| 09-11 | 41.0 | 11.170 | 900 | 117 574 795 6 900 |
| 12-14 | 40.6 | 10.502 | 900 | 92 542 814 4 900 |
| 15-17 | 39.7 | 10.004 | 898 | 99 514 837 6 898 |
| 18-20 | 39.1 | 11.378 | 897 | 167 510 829 7 897 |
| 21-23 | 38.5 | 12.185 | 897 | 200 490 816 8 897 |
| ALL BOURS | 39.6 | 11.659 | 7192 | 1240 4220 6513 61 7192 |
| | | | | HONTH: OCT |
| 00-02 | 30.9 | 11.143 | 930 | 405 278 922 0 930 |
| 03-05 | 30.6 | 11.366 | 930 | 413 272 915 0 930 |
| 06-08 | 31.1 | 11.067 | 930 | 384 276 910 0 930 |
| 09-11 | 33.1 | 10.212 | 930 | 266 316 915 0 930 |
| 12-14 | 32.8 | 9.701 | 930 | 260 292 927 0 930 |
| 15-17 | 32.3 | 9.719 | 930 | 265 269 930 0 930 |
| 18-20 | 31.6 | 10.554 | 930 | 332 268 925 0 930 |
| 21-23 | 31.0 | 11.026 | 930 | 377 278 925 0 930 |
| ALL | l | | | |

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTE: NOV

| | | LS | r to ore: + | | |
|--------------|------|-----------------------|--------------|-------------------------|----------------|
| Hours Let | MEAN | STANDARD DEVIATION | TOTAL OBS | LE 27 GE 37 LE 55 GE 65 | TOTAL BOURS |
| 00-02 | 25.0 | 11.032 | 900 | 573 137 899 0 | 900 |
| 03-05 | 24.6 | 10.970 | 900 | 586 146 900 0 | 900 |
| 06-08 | 24.5 | 10.726 | 900 | 593 134 900 0 | 900 |
| 09-11 | 26.6 | 10.276 | 900 | 528 147 900 0 | 900 |
| 12-14 | 26.6 | 10.065 | 900 | 502 146 899 0 | 900 |
| 15-17 | 26.3 | 10.276 | 900 | 505 134 900 0 | 900 |
| 18-20 | 26.1 | 10.816 | 900 | 519 149 899 0 | 900 |
| 21-23 | 25.4 | 10.851 | 900 | 548 137 900 0 | 900 |
| ALL BOURS | 25.6 | 10.679 | 7200 | 4354 1130 7197 0 | 7200 |
| | | | | MONTH: DEC | |
| 00-02 | 22.6 | 11.399 | 930 | 589 92 930 0 | 930 |
| 03-05 | 22.0 | 11.290 | 930 | 603 80 930 0 | 930 |
| 06-08 | 21.6 | 11.049 | 930 | 623 85 930 0 | 930 |
| 09-11 | 24.0 | 10.753 | 930 | 560 105 930 0 | 930 |
| 12-14 | 23.7 | 10.864 | 930 | 584 111 930 0 | 930 |
| 15-17 | 23.9 | 11.302 | 930 | 580 125 930 0 | 930 |
| 18-20 | 24.0 | 11.757 | 930 | 550 146 930 0 | 930 |
| 21-23 | 23.2 | 11.543 | 930 | 571 112 930 0 | 930 |
| ALL | | | | | |

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: ALL

| | | 20. | . 10 010 0 | • | | irain. | | | |
|--------------|------|-----------------------|--------------|------|--------|----------|---------------|---------------------------|------------------|
| Hours Let | Mean | STANDARD DEVIATION | TOTAL OBS | MEAR | NUMBER | OF HOURS | WITH LB 55 | TEMPERATURES DEG GE 65 | F TOTAL HOURS |
| 00-02 | 31.1 | 13.486 | 10955 | | 4666 | 3326 | 10337 | 116 | 10955 |
| 03-05 | 31.0 | 13.692 | 10956 | | 4694 | 3340 | 10273 | 139 | 10956 |
| 06-08 | 32.0 | 13.781 | 10956 | | 4361 | 3618 | 10182 | 156 | 10956 |
| 09-11 | 33.2 | 13.106 | 10956 | | 3717 | 3916 | 10189 | 124 | 10956 |
| 12-14 | 32.8 | 12.886 | 10956 | | 3751 | 3878 | 10327 | 89 | 10956 |
| 15-17 | 32.3 | 12.636 | 10954 | | 3856 | 3787 | 10463 | 69 | 10954 |
| 18-20 | 31.7 | 12.816 | 10952 | | 4160 | 3503 | 10438 | 75 | 10952 |
| 21-23 | 31.2 | 13.187 | 10953 | | 4562 | 3254 | 10344 | 105 | 10953 |
| ALL HOURS | 31.9 | 13.225 | 87638 | | 33767 | 28622 | 82553 | 873 | 87638 |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: JAN LST TO UTC: + 8 HOURS RELATIVE HUMIDITY GREATER THAN OR EQUAL TO LST **#08** 90% MEAN TOTAL OBS 10% 20% 40% 70% 30% 50% 60% 00-02 100.0 98.6 85.5 64.5 49.2 32.2 21.7 7.3 1.4 50.5 03-05 100.0 99.5 88.6 71.3 55.2 38.1 22.8 8.4 1.9 52.9 930 100.0 99.5 25.4 10.9 2.0 54.2 930 06-08 88.9 73.9 55.5 42.3 .9 09-11 100.0 93.4 71.0 47.1 32.2 18.5 9.2 4.0 42.2 930 99.9 75.4 43.9 5.7 2.0 .5 30.9 930 12-14 21.5 11.0 3.4 15-17 99.5 72.3 39.7 19.9 10.0 6.1 3.8 2.2 .4 30.0 930 100.0 18-20 92.4 65.9 44.9 29.7 16.1 7.4 3.8 .5 40.7 930 21-23 100.0 96.6 79.5 57.6 41.4 27.2 15.9 4.8 .6 46.9 930 ALL BOURS 99.9 90.9 70.4 50.1 35.5 5.4 1.0 43.5 7440 23.3 13.7 MONTH: PEB 00-02 100.0 97.8 77.4 56.1 36.3 13.8 5.6 .8 45.7 846 23.9 99.1 8.3 1.5 49.3 03-05 100.0 82.2 62.4 45.6 31.0 19.0 846 06-08 100.0 99.3 83.3 63.2 45.9 31.6 19.6 9.1 1.7 50.0 846 100.0 87.8 56.7 37.1 09-11 34.6 22.9 13.5 6.5 2.5 .2 846 99.8 66.9 29.9 19.7 28.0 12-14 10.3 5.3 2.6 1.3 846 15-17 98.0 59.6 25.5 17.7 8.9 4.6 2.7 1.4 .1 26.3 846 18-20 99.8 83.0 49.2 30.5 18.2 11.8 5.3 2.6 .5 34.5 846 21-23 100.0 93.7 68.1 46.2 27.8 17.4 8.6 3.7 .6 41.1 846 ALL. BOURS 99.7 85.9 59.0 41.3 27.0 17.4 9.8 4.3 .7 39.0 6768

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTE: MAR RELATIVE HUMIDITY GREATER THAN OR BOUAL TO ROURS LST 10% 20% 30% 40% 50% 60% 70% 80% 90% MEAN TOTAL OBS 00-02 100.0 92.7 65.9 43.1 29.2 17.2 8.5 4.0 40.5 929 03-05 12.7 930 100.0 97.1 74.8 50.1 33.4 22.0 4.9 .8 44.1 06-08 100.0 96.3 74.9 50.1 33.7 22.6 12.8 5.6 .9 44.2 930 09-11 99.8 74.7 40.6 24.3 13.9 6.2 3.2 1.9 31.1 930 12-14 99.4 51.4 23.9 11.3 4.9 2.6 1.3 .6 23.8 930 .6 15-17 98.7 46.3 20.3 9.4 5.1 2.7 1.2 22.5 930 1.2 18-20 63.0 2.7 28.0 930 99.7 33.4 20.2 10.1 5.6 .1 21-23 99.8 83.9 51.8 31.7 19.9 10.0 5.2 35.0 930 2.6 ALL BOURS 75.7 48.2 30.0 18.8 11.1 5.9 2.7 .3 33.6 7439 MONTH: APR 00-02 81.6 5.1 2.8 .3 31.5 900 99.7 41.8 21.4 11.3 7.3 03-05 99.9 89.6 53.1 27.2 16.2 9.8 6.6 3.0 35.2 900 06-08 99.9 85.8 48.4 24.1 14.4 8.9 5.4 2.8 .2 33.4 900 09-11 23.7 99.0 50.6 20.B R.B 5.7 3.8 2.1 .9 .1 900 12-14 30.0 10.8 6.8 19.3 900 96.3 4.6 2.8 .9 .4 15-17 95.0 24.3 10.6 5.9 3.0 1.4 .9 .4 .2 18.0 900 37.9 18-20 97.0 17.9 8.5 5.9 2.9 1.3 .9 .2 21.4 899 21-23 26.9 98.6 64.2 29.3 14.2 7.8 5.7 3.3 .2 900 1.1 ALL BOURS 98.2 58.0 29.1 14.6 8.6 5.3 3.2 1.5 .2 26.2 7199

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: MAY HOURS RELATIVE HUMIDITY GREATER THAN OR EQUAL TO LST 10% 20% 30% 40% 50% 60% 70% **#08** 90% MEAN TOTAL OBS 00-02 99.6 65.8 25.8 11.3 25.6 5.4 2.6 1.7 .9 .4 03-05 99.7 75.4 39.5 16.2 7.5 4.1 2.0 1.1 .8 29.1 930 4.6 06-08 99.5 67.8 30.5 12.9 2.9 1.6 1.1 .5 26.5 930 97.7 10.2 2.2 .8 19.4 09-11 35.6 3.8 1.3 .2 930 -6 12-14 95.1 17.4 5.5 2.7 1.5 .9 930 .8 .2 16.0 -4 15-17 93.9 13.2 5.7 2.9 1.0 .6 .5 15.0 930 18-20 96.5 19.6 8.6 4.1 2.2 1.2 .6 .2 .1 16.9 930 99.2 21-23 42.8 15.9 6.7 3.7 2.2 1.2 .5 .3 21.3 930 ALI. HOURS 97.6 42.2 17.7 7.6 3.5 2.0 1.2 .3 21.2 7440 MONTE: JUN 00-02 99.2 46.2 13.0 4.3 2.4 1.9 1.3 .8 21.1 900 03-05 99.6 66.6 21.3 8.6 3.1 2.0 900 1.3 1.2 24.7 .1 15.1 06-08 53.1 4.8 1.9 1.6 1.2 .7 22.0 900 09-11 95.1 20.4 3.9 1.6 .9 .6 .2 16.1 900 RQ.A 12-14 7.9 2.0 .6 .3 .2 .2 .2 13.5 900 15-17 87.2 5.9 1.6 1.0 .6 .3 .2 12.9 900 18-20 91.8 10.9 3.4 1.4 1.2 .7 . 2 14.2 900 21-23 6.7 1.7 1.6 1.0 .2 17.1 900 ALL BOURS 29.2 3.1 1.5 1.1 .7 .0 17.7 7200 .4

BOURS

97.9

61.2

36.6

21.2

12.3

7.6

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: JUL RELATIVE HUMIDITY GREATER THAN OR BOUAL TO BOURS LST 10% 30% 20% 40% 50% 60% 70% 80% 90% MEAN TOTAL OBS 00-02 10.9 97.5 57.3 28.4 17.7 7.0 3.8 930 1.0 .4 26.9 03-05 98.9 72.9 38.7 22.0 12.7 8.8 4.4 .5 30.4 930 2.2 06--08 98.4 67.7 35.4 19.5 11.1 6.3 3.5 .6 .2 28.6 930 09-11 43.7 21.9 96.2 8.5 4.8 2.3 -4 .1 21.8 930 12-14 91.3 31.3 2.8 13.1 5.6 2.0 1.1 .6 18.5 930 .1 15-17 90.9 25.2 10.6 3.8 2.3 1.7 1.2 17.1 930 . 3 .2 18-20 94.2 29.2 14.9 6.2 3.0 2.2 1.4 .4 .2 18.8 930 21-23 95.7 39.8 22.0 12.6 6.9 3.8 1.8 .9 .3 22.8 930 AT.T. BOURS 95.4 23.1 12.0 4.3 2.2 .8 .3 23.1 MONTH: AUG 00-02 99.7 49.0 29.4 15.7 9.6 5.6 3.8 1.0 33.0 03-05 100.0 82.9 57.8 39.0 25.1 15.2 8.4 4.3 2.0 38.1 930 06-08 100.0 81.2 56.3 34.8 21.0 13.5 7.2 3.7 1.0 36.4 930 09-11 98.2 60.4 33.8 16.9 9.5 5.5 2.8 .5 27.2 930 1.5 12-14 95.8 44.8 20.2 9.2 4.8 2.7 1.6 1.0 .5 22.0 930 15-17 94.7 37.2 17.1 7.5 4.6 2.8 1.4 1.0 .3 20.3 930 18-20 97.2 46.6 22 -R 12.5 6.5 930 4.8 2.4 1.2 .3 23.2 21-23 97.7 62.7 35.9 20.0 11.5 6.8 4.0 28.5 930 2.4 .4 ALL

B-6-4

4.2

2.3

28.6

.8

7440

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: SEP ...,... **HOURS** RELATIVE HUMIDITY GREATER THAN OR EQUAL TO LST 10% 20% 40% 50% 60% 70% 80% 90% MEAN TOTAL OBS 00--02 99.3 76.8 47.8 23.7 11.8 5.9 3.3 1.1 31.3 900 03-05 100.0 84.2 57.0 32.9 14.8 8.3 4.2 2.3 .9 34.9 900 99.8 4.0 .4 34.0 06-08 82.6 53.2 30.6 900 14.8 8.1 1.4 09-11 96.7 54.4 26.4 11.2 4.7 .2 24.0 900 1.8 1.1 12-14 93.4 39.2 14.9 5.3 2.7 19.5 900 .8 .1 15-17 93.2 32.3 13.3 5.1 2.9 1.4 .1 18.5 898 18-20 95.9 46.8 20.7 9.5 5.2 3.8 1.1 .2 22.5 897 99.0 65.2 21-23 34.2 27.1 897 14.8 8.2 4.1 2.6 .8 ALL BOURS 97.2 16.6 60.2 33.5 8.1 .8 26.5 7192 4.3 2.1 .2 MONTH: OCT 29.5 00-02 99.9 85.6 53.4 17.0 1.5 930 9.9 5.3 .1 34.8 03-05 100.0 91.7 61.5 36.1 21.0 3.7 .5 38.0 930 12.7 8.2 06-08 100.0 90.9 61.3 34.7 19.9 11.6 7.7 3.7 .6 37.6 930 98.9 64.7 28.7 14.7 26.6 09-11 8.4 3.9 2.2 .6 930 12-14 95.4 40.2 16.3 8.0 .5 20.8 3.2 .9 930 1.3 15-17 95.2 36.7 16.5 7.5 4.3 1.7 1.1 .5 20.6 930 18-20 99.1 60.4 26.9 14.1 7.6 4.2 .8 .2 25.9 930 99.6 78.7 21-23 43.4 21.7 11.5 7.0 3.4 1.6 .2 31.2 930 ALT. HOURS 98.5 68.6 36.5 20.8 11.6 6.5 3.9 1.6 .2 29.5 7440

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: NOV BOURS RELATIVE HUMIDITY GREATER THAN OR EQUAL TO LST 10% 20% 30% 40% 50% 60% 70% 80% 90% MEAN TOTAL OBS 00-02 67.2 25.2 16.0 40.1 99.8 94.0 39.9 8.9 4.1 1.3 900 03-05 100.0 96.2 74.4 46.4 30.2 21.2 10.9 5.4 1.7 43.1 900 06--08 31.0 20.7 100.0 95.4 74.2 48.3 10.9 5.0 1.3 43.2 900 09-11 45.2 99.4 81.6 26.1 13.2 7.4 3.8 2.0 .8 32.3 900 12-14 97.7 27.2 11.9 6.9 .7 25.5 900 59.1 4.6 2.2 15-17 58.7 28.6 12.3 4.2 2.4 1.2 25.6 96.9 6.4 .1 900 18-20 98.6 81.1 46.2 27.2 14.2 7.9 3.7 2.0 .6 32.6 900 21-23 99.8 37.4 900 91 .R 60.9 34.7 22.7 11.9 5.7 2.0 1.0 ALL. HOURS 99.0 82.2 53.0 30.9 18.7 11.7 6.1 2.8 .8 35.0 7200 MONTE: DEC 00-02 100.0 98.4 85.1 61.8 47.1 34.6 22.5 10.4 4.2 51.1 930 03-05 100.0 99.2 89.1 67.2 25.7 12.6 52.2 39.7 4.8 53.5 930 06-08 100.0 99.6 89.0 70.0 52.9 40.0 26.1 13.5 5.1 54.4 930 09-11 99.9 93.8 69.1 47.0 31.5 19.4 10.8 5.6 2.3 42.5 930 12-14 99.6 78.2 44.4 24.9 13.1 7.2 4.5 3.3 .5 32.0 930 77.4 15-17 99.4 45.6 24.6 14.7 8.5 5.4 3.2 32.5 930 .6 100.0 18-20 94.2 68.4 46.9 31.8 19.8 10.8 7.0 2.3 42.5 930 21-23 100.0 97.1 79.7 56.8 41.9 28.0 16.0 9.8 3.2 47.7 930 ALL BOURS 99.9 92.2 71.3 49.9 35.7 24.6 15.2 8.2 2.9 44.5 7440

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LAT TO UTC: + 8 MONTH: ALL

| | | | LST TO | 010: + 8 | • | | | HU | MID: WIT | | |
|--------------|------|-----------------|--------|----------|----------|----------|----------|-------|---------------|----------|-----------|
| BOURS | | • • • • • • • • | RELAT | IVB HUMI | DITY CRE | ATER TEA | N OR BOW | AL TO | • • • • • • • | ******** | ••••• |
| LST | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | MEAN | TOTAL OBS |
| 00-02 | 99.6 | 80.6 | 53.3 | 33.5 | 21.8 | 14.0 | 8.5 | 3.6 | .9 | 36.0 | 10955 |
| 03-05 | 99.8 | 87.8 | 61.5 | 39.9 | 26.4 | 17.7 | 10.5 | 4.8 | 1.3 | 39.4 | 10956 |
| 06-08 | 99.8 | 84.9 | 59.2 | 38.9 | 25.5 | 17.5 | 10.5 | 4.8 | 1.2 | 38.7 | 10956 |
| 09-11 | 98.4 | 63.4 | 35.7 | 20.4 | 12.5 | 7.0 | 3.6 | 1.7 | .4 | 28.7 | 10956 |
| 12-14 | 96.1 | 45.1 | 21.0 | 10.6 | 5.5 | 3.0 | 1.6 | .9 | .2 | 22.5 | 10956 |
| 15-17 | 95.2 | 40.7 | 19.6 | 9.8 | 5.3 | 3.0 | 1.7 | .9 | .2 | 21.6 | 10954 |
| 18-20 | 97.5 | 55.3 | 31.5 | 18.8 | 11.3 | 6.7 | 3.3 | 1.7 | .4 | 26.8 | 10952 |
| 21-23 | 98.6 | 69.9 | 43.9 | 26.6 | 17.1 | 10.5 | 5.7 | 2.5 | .6 | 31.9 | 10953 |
| all Bours | 98.1 | 66.0 | 40.7 | 24.8 | 15.7 | 9.9 | 5.7 | 2.6 | .7 | 30.7 | 87638 |

| PPPPP | PPP | AAA | AAA | RRRR | RRRE | 144444444 | PPPPPPPPP |
|-------|------|-------|-------|------|-------|-----------|------------|
| PPPPP | PPPP | AAAA | AAAA | RRRR | RRRRR | 144444444 | PPPPPPPPPP |
| PP | PP | λλ | λA | RR | RR | TT | FF |
| PP | PP | λA | λλ | RR | KR | TT | FF |
| PPPPP | PPPP | AA | λλ | RRRR | RRRRR | TT | PPPPPP |
| PPPPP | PPP | AAAAA | AAAAA | RRRR | RRRR | TT | PPPPPP |
| PP | | AAAAA | AAAAA | RR | RR | TT | FF |
| PP | | λλ | AA | RR | RR | TT | FF |
| PP | | AA | λλ | RR | RR | TT | PF |
| PP | | AA | AA | RR | RR | TT | FF |

PART F

PRESSURE SUPPARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY RIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (BG), TABLES GIVE MEARS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (BC), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (BG).

SEA LEVEL PRESSURE IN MILLIBARS FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8

| | | | LST TO | ourc: + | 8 | | | | | | | | | |
|----------------|------------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| HOURS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ann |
| 0100 | MEAN | 1020.3 | 1017.4 | 1012.9 | 1010.5 | 1007.6 | 1006.3 | 1007.9 | 1009.0 | 1009.4 | 1013.7 | 1015.9 | 1019.1 | 1012.5 |
| | SD S | 6.684 | 6.023 | 6.146 | 5.073 | 4.266 | 3.137 | 3.027 | 2.854 | 3.757 | 4.772 | 6.431 | 6.342 | 6.828 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 0400 | HEAN | 1020.3 | 1017.3 | 1012.9 | 1011.0 | 1008.2 | 1007.1 | 1008.7 | 1009.6 | 1009.8 | 1013.9 | 1016.2 | 1019.3 | 1012.8 |
| | SD | 6.748 | 6.106 | 6.299 | 5.178 | 4.350 | 3.145 | 2.950 | 2.759 | 3.843 | 4.858 | 6.499 | 6.419 | 6.718 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 0700 | HEAN | 1021.6 | 1018.8 | 1014.4 | 1012.7 | 1009.8 | 1008.7 | 1010.3 | 1011.3 | 1011.5 | 1015.6 | 1017.7 | 1020.6 | 1014.4 |
| | 80 | 6.902 | 6.322 | 6.470 | 5.203 | 4.439 | 3.152 | 2.894 | 2.703 | 3.885 | 4.906 | 6.594 | 6.523 | 6.706 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1000 | HEAN | 1022.5 | 1019.4 | 1014.7 | 1012.7 | 1009.6 | 1008.5 | 1010.1 | 1011.3 | 1011.5 | 1015.6 | 1018.1 | 1021.5 | 1014.6 |
| | SD | 6.890 | 6.327 | 6.344 | 5.032 | 4.341 | 3.088 | 2.892 | 2.772 | 3.825 | 4.804 | 6.532 | 6.402 | 6.892 |
| | TOT 085 | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1300 | MEAN | 1019.4 | 1016.7 | 1012.5 | 1010.6 | 1007.7 | 1006.7 | 1008.2 | 1009.2 | 1009.3 | 1013.0 | 1015.3 | 1018.5 | 1012.3 |
| | 5 0 | 6.618 | 6.062 | 6.072 | 4.857 | 4.299 | 3.059 | 2.996 | 2.939 | 3.739 | 4.682 | 6.185 | 6.099 | 6.499 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1600 | MEAN | 1018.6 | 1015.5 | 1010.9 | 1008.7 | 1005.7 | 1004.7 | 1006.0 | 1007.1 | 1007.6 | 1011.8 | 1014.5 | 1017.8 | 1010.7 |
| | 80 | 6.372 | 5.783 | 5.830 | 4.715 | 4.264 | 3.011 | 3.028 | 3.056 | 3.710 | 4.544 | 6.037 | 5.919 | 6.727 |
| | TOT OBS | 310 | 282 | 309 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3650 |
| 1900 | MEAN | 1019.7 | 1016.5 | 1011.7 | 1008.9 | 1005.8 | 1004.7 | 1006.0 | 1007.3 | 1008.1 | 1012.8 | 1015.6 | 1018.9 | 1011.3 |
| | 80 | 6.527 | 5.918 | 5.743 | 4.810 | 4.180 | 2.998 | 3.135 | 3.083 | 3.773 | 4.684 | 6.225 | 6.047 | 7.083 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3651 |
| 2200 | MEAN | 1020.3 | 1017.2 | 1012.7 | 1010.1 | 1007.1 | 1006.0 | 1007.5 | 1008.6 | 1009.1 | 1013.5 | 1016.2 | 1019.5 | 1012.3 |
| | 5 0 | 6.639 | 5.993 | 5.933 | 4.896 | 4.276 | 2.995 | 3.177 | 2.999 | 3.767 | 4.751 | 6.385 | 6.194 | 6.929 |
| | TOT OSS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3651 |
| ALL | HEAR | 1020.3 | 1017.3 | 1012.9 | 1010.7 | 1007.7 | 1006.6 | 1008.1 | 1009.2 | 1009.5 | 1013.7 | 1016.2 | 1019.4 | 1012.5 |
| BOURS | 80 | 6.775 | 6.180 | 6.222 | 5.168 | 4.536 | 3.379 | 3.377 | 3.249 | 4.015 | 4.909 | 6.457 | 6.339 | 6.916 |
| | TOT OBS | 2480 | 2256 | 2479 | 2400 | 2480 | 2400 | 2480 | 2480 | 2397 | 2480 | 2400 | 2480 | 29212 |

ALTIMETER SETTING IN INCHES FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8

| | | | | | - | | | | | | | | | |
|----------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HOURS (LST) | | JAN | PEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
| 0100 | MEAN ! | 30.14 | 30.07 | 29.95 | 29.90 | 29.82 | 29.80 | 29.86 | 29.89 | 29.89 | 29.99 | 30.03 | 30.10 | 29.95 |
| 0100 | SD SD | .190 | .171 | .177 | .143 | .119 | .089 | .085 | .079 | .106 | .135 | .180 | .181 | .179 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| | | | | | | | ••• | | | | | | | |
| 0400 | MEAN | 30.14 | 30.06 | 29.95 | 29.91 | 29.84 | 29.82 | 29.88 | 29.90 | 29.90 | 30.00 | 30.04 | 30.11 | 29.96 |
| | 8D | -192 | .174 | .182 | .147 | .122 | .090 | .083 | .077 | .109 | .137 | .183 | .183 | .177 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 0700 | MEAN | 30.16 | 30.09 | 29.99 | 29.95 | 29.89 | 29.87 | 29.92 | 29.95 | 29.94 | 30.03 | 30.07 | 30.14 | 30.00 |
| 0.00 | SD | .194 | .179 | .186 | .148 | .126 | .090 | .082 | .075 | .111 | .138 | .184 | .184 | .174 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 309 | 300 | 310 | 300 | 310 | 3651 |
| | | | | | | | | | | | | | | |
| 1000 | MEAN | 30.20 | 30.12 | 30.00 | 29.96 | 29.89 | 29.87 | 29.92 | 29.95 | 29.95 | 30.04 | 30.09 | 30.17 | 30.01 |
| | 8D | .196 | .181 | .183 | .144 | .123 | .089 | .082 | .077 | .110 | .136 | .184 | .181 | .180 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1300 | MEAN | 30.11 | 30.05 | 29.94 | 29.90 | 29.83 | 29.81 | 29.87 | 29.89 | 29.88 | 29.97 | 30.01 | 30.09 | 29.95 |
| | 5 0 | .188 | .174 | .176 | .138 | .121 | .087 | .084 | .082 | .108 | .133 | .176 | .174 | .171 |
| | TOT OBS | 310 | 282 | 309 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 1600 | MEAN | 30.09 | 30.01 | 29.89 | 29.84 | 29.77 | 29.76 | 29.80 | 29.83 | 29.83 | 29.93 | 29.99 | 30.06 | 29.90 |
| | 8D | .182 | .165 | .168 | .134 | .119 | .085 | .085 | .084 | .105 | .129 | .171 | . 169 | .176 |
| | TOT 088 | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3651 |
| 1900 | MEAN | 30.11 | 30.03 | 29.91 | 29.84 | 29.77 | 29.76 | 29.80 | 29.83 | 29.84 | 29.95 | 30.01 | 30.09 | 29.91 |
| 2300 | 5D | .184 | .167 | .166 | .137 | .118 | .085 | .088 | .085 | .107 | .132 | .175 | .171 | .183 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3651 |
| | | | | | | | | | | | | | | |
| 2200 | MEAN | 30.14 | 30.06 | 29.94 | 29.88 | 29.81 | 29.80 | 29.85 | 29.88 | 29.88 | 29.98 | 30.03 | 30.11 | 29.95 |
| | 8D | .188 | .170 | .171 | .139 | .119 | .085 | .089 | .083 | .107 | .134 | .180 | .175 | .180 |
| | TOT OBS | 310 | 282 | 310 | 299 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3650 |
| ALL | MEAN | 30.14 | 30.06 | 29.94 | 29.90 | 29.83 | 29.81 | 29.86 | 29.89 | 29.89 | 29.99 | 30.04 | 30.11 | 29.95 |
| BOURS | 5 D | .192 | .176 | .180 | .147 | .128 | .097 | .096 | .091 | .115 | .139 | .182 | .180 | .181 |
| | TOT 088 | 2480 | 2256 | 2479 | 2399 | 2480 | 2400 | 2480 | 2479 | 2397 | 2480 | 2400 | 2480 | 29210 |
| | | • | | | | | | | | | | | | |

STATION PRESSURE IN INCHES FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8

| | | | LST TO | UIC: + | В | | | | | | | | | |
|----------------|------------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HOURS (LST) | 1 | JAN | PEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | ост | NOV | DEC | ann |
| 0100 | MEAN | 28.16 | 28.09 | 27.98 | 27.93 | 27.86 | 27.84 | 27.89 | 27.92 | 27.92 | 28.01 | 28.06 | 28.12 | 27.98 |
| | SD | .180 | .162 | .168 | .135 | .113 | .084 | .080 | .074 | .101 | .128 | .171 | .171 | .170 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 0400 | MEAN | 28.16 | 28.08 | 27.97 | 27.94 | 27.87 | 27.86 | 27.91 | 27.93 | 27.93 | 28.02 | 28.06 | 28.13 | 27.99 |
| | 8D | .182 | .165 | .173 | .139 | .116 | .085 | -078 | .072 | .104 | .130 | .173 | .173 | .168 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 0700 | MEAN | 28.18 | 28.11 | 28.01 | 27.98 | 27.92 | 27.90 | 27.95 | 27.98 | 27.97 | 28.06 | 28.09 | 28.15 | 28.03 |
| | 8 D | .183 | .170 | .176 | .140 | .119 | .086 | .077 | .071 | .105 | .131 | .174 | .174 | .165 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 309 | 300 | 310 | 300 | 310 | 3651 |
| 1000 | MEAN | 28.21 | 28.14 | 28.02 | 27.99 | 27.92 | 27.90 | 27.95 | 27.98 | 27.98 | 28.06 | 28.11 | 28.18 | 28.04 |
| i | 80 | .186 | .171 | .174 | .136 | .117 | .084 | .077 | .072 | .104 | .129 | .174 | .172 | .171 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1300 | MEAN | 28.13 | 28.07 | 27.97 | 27.93 | 27.86 | 27.85 | 27.90 | 27.92 | 27.91 | 28.00 | 28.04 | 28.11 | 27.97 |
| | 80 | .179 | .165 | .167 | .131 | .115 | .083 | .079 | .077 | .102 | .126 | .167 | .165 | .162 |
| | TOT OBS | 310 | 282 | 309 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 1600 | MEAN | 28.11 | 28.03 | 27.92 | 27.87 | 27.81 | 27.79 | 27.84 | 27.86 | 27.86 | 27.96 | 28.02 | 28.09 | 27.93 |
| | 8D | .172 | .157 | .160 | .127 | .113 | .081 | .080 | .080 | .100 | -122 | .162 | .161 | .167 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3651 |
| 1900 | MEAN | 28.13 | 28.05 | 27.94 | 27.88 | 27.81 | 27.79 | 27.84 | 27.87 | 27.88 | 27.98 | 28.04 | 28.11 | 27.94 |
| | SD | .175 | .158 | .157 | .130 | .111 | .081 | .083 | .081 | .101 | -125 | .166 | .162 | .173 |
| | TOT OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3651 |
| 2200 | MEAN | 28.15 | 28.08 | 27.97 | 27.91 | 27.85 | 27.83 | 27.88 | 27.91 | 27.91 | 28.01 | 28.06 | 28.13 | 27.97 |
| | 80 | -178 | .161 | .162 | .131 | .113 | .080 | .084 | .078 | .101 | .127 | .171 | .166 | .171 |
| | TOT OBS | 310 | 282 | 310 | 299 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3650 |
| ALL | MEAN | 28.15 | 28.08 | 27.97 | 27.93 | 27.86 | 27.85 | 27.89 | 27.92 | 27.92 | 28.01 | 28.06 | 28.13 | 27.98 |
| BOURS | 80 | .182 | .167 | .170 | .139 | .121 | .092 | .090 | .086 | -108 | .131 | .172 | .170 | .172 |
| | TOT OBS | 2480 | 2256 | 2479 | 2399 | 2480 | 2400 | 2480 | 2479 | 2397 | 2480 | 2400 | 2480 | 29210 |

| PPPPP | PPP | λλA | AAA | RRRR | RRRR | TO POPULATION | G | egggg |
|-------|------|-------|-------|------|-------|---------------|----|--------|
| PPPPF | PPPP | AAAA | AAAA | RRRR | RRRRR | 1444444444 | GG | GGGGG |
| PP | PP | λA | λλ | RR | RR | TT | GG | GG |
| PP | PP | λλ | AA | RR | RR | TT | GG | |
| PPPPF | PPPP | AA | λλ | RRRR | RRRRR | TT | GG | |
| PPPPF | PPP | AAAAA | AAAAA | RRRR | RRRR | TT | GG | GGGG |
| PP | | AAAAA | AAAAA | RR | RR | TT | GG | GGGGG |
| PP | | λλ | AA | RR | RR | TT | GG | GG |
| PP | | λλ | λA | RR | RR | TT | GG | 3GGGGG |
| PP | | λλ | AA | RR | RR | TT | G | GGGG |

PART G

CROSSWIND SUPPARY

CROSSWIND SUPERARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS.
THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM BOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCREDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(8).

A TOTAL OBSERVATION COUNT IS INCLUDED.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM BOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 027-207

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

| TIME (LST) | | 000 | 0 - 02 | 00 | | 030 | 0 - 05 | 00 | | 060 | 0 - 086 | 00 | | 090 | 00 - 110 | 00 |
|------------------------|--------------|-------------|--------|------------|------|-------------|----------------|------------|------|-------------|-----------------|------------|------------|------|------------------|------------|
| SPEED (RTS) | GE15 | GE25 | GE35 | OBS | GE15 | GR25 | GE35 | OBS | GR15 | GE25 | GE35 | OBS | GR15 | GE25 | GE35 | OBS |
| CATEGORY A | .9 | | | 930 | .6 | | | 930 | .3 | | | 930 | .9 | .1 | | 930 |
| CATEGORY B | 1.4 | .4 | | 945 | 1.5 | | | 941 | 1.2 | | | 955 | 1.9 | .5 | | 942 |
| ********** | | | | | | | | ••••• | | ••••• | | | | | | • • • • • |
| | | | | | | | | | | | | | | | | |
| TIME (LST) | l | 120 | 0 - 14 | 00 | | 150 | 0 - 17 | 00 | | 180 | 0 - 20 | 00 | | 210 | 00 - 230 | 00 |
| TIME (LST) SPEED (KTS) | GB 15 | 120 GE25 | 0 - 14 | 00 OBS | GE15 | 150 GE25 | 0 - 17 GB35 | 00 088 | GE15 | 180 GE25 | 0 - 200 GB35 | oo oes | GE15 | | 00 - 230 GE35 | 00 088 |
| | GE15 | | | | GE15 | | | | GE15 | | | | GE15 .5 | | | |
| SPEED (RTS) | | | | OBS | | | | OBS | | GE25 | GE35 | OBS | | | | CB8 |
| SPEED (RTS) CATEGORY A | .6 | GE25 | GE35 | OBS 930 | 1.0 | GE25 | | 088 930 | .4 | GE25 | GE35 | OBS 930 | .5 | GB25 | | OB8 930 |

| TIME (LST) | | 0600 | - 2000 | | | ALL | HOURS | |
|------------|------|-------|--------|------|------|------|-------|------|
| SPEED RTS | GE15 | GES 2 | GE35 | OBS | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | .6 | .0 | | 4650 | .7 | .0 | | 7440 |
| CATEGORY B | 1.6 | .3 | .0 | 4720 | 1.5 | .3 | .0 | 7544 |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

FROM HOURLY OBSERVATIONS

| STATION NUMBER | | 1 | ST TO | NAME: NEI UTC: + 8 | | | | | | MO | NTH: P | BB . | RD: OCT 6 | | | •••• |
|----------------|--------------|--------------|-------------|-----------------------|--------------|--------------|-------------|---------|------------|-------|-------------|-----------|-----------|-------|--------------|-----------|
| | | | | EGORY B: | HIGHES | er Wind | S REPOR | CLED AI | (HOURLY O | HOUR | (HOURL | | • | | | |
| TIME (LST) | | 000 | 0 - 02 | | | | | | ********** | | | | | | 0 - 110 | |
| SPEED (KTS) | GE15 | GE 25 | GE35 | OBS | QB15 | GB 25 | GB35 | OBS | GE15 | GE25 | GE35 | OBS | GE15 | GB25 | GE 35 | OBS |
| CATEGORY A | 1.7 | .1 | | 846 | 1.4 | | | 846 | 1.1 | .2 | | 846 | 2.6 | .5 | | 846 |
| CATEGORY B | 3.3 | .7 | .1 | 857 | 2.4 | .5 | .1 | 865 | 2.0 | .8 | .1 | 861 | 4.4 | 1.2 | | 868 |
| | | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | •••••• | •••• | • • • • • • | • • • • • | ••••• | ••••• | ••••• | • • • • • |
| TIME (LST) | | 120 | 0 - 14 | 00 | | 150 | 0 - 170 | 10 | | 180 | 0 - 200 | 00 | | 210 | 0 - 230 | 00 |
| SPEED (RTS) | GB 15 | GB25 | GE35 | OBS | GE15 | GB25 | GE35 | овз | GE15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 2.0 | .1 | | 846 | 1.8 | | | 846 | .6 | .2 | | 846 | 1.9 | .1 | | 846 |
| CATEGORY B | 3.7 | 1.0 | .2 | 882 | 3.4 | .7 | | 875 | 1.2 | .5 | .2 | 858 | 2.5 | .8 | .2 | 864 |
| •••••• | | ••••• | • • • • • • | •••••• | | | | | •••••• | | | | | | | • • • • • |
| TIME (LST) | | | | | | - 2000 | | | | | | ours | | | | |
| SPEED RTS | | | | GE15 | GE 25 | GE35 | OBS | 1 | Œ | :15 G | B25 Q | B35 | OBS | | | |
| CATEGORY A | | | | 1.6 | .2 | | 4230 |) | 1 | .6 | .2 | | 6768 | | | |

4230 1.6 .2 6768 CATEGORY B 2.9 .8 .1 4344 2.9 .8 .1 6930

MAGNETIC RUNWAY HEADING: 027-207

OPERATING LOCATION "A" PERCENTAGE PREQUENCY OF OCCURRENCE OF CROSSWINDS USAFETAC, ASSEVILLE NC FROM BOURLY OBSERVATIONS

MAGNETIC RUMMAY HEADING: 027-207

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: MAR

LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (BOURLY OBS ONLY)

| | | | | EGORY B: | HIGHES | T WIND | S REPOR | CLED AI | THIN THE | HOUR | (BOURL | IBS + | SPECIALS) | | | |
|---------------------------|---------------|-------|-------------|----------|-------------|--------|-------------|-------------|---|-------|-------------|-------|-----------|-------------|-------------|-----------|
| ••••• | • • • • • • • | ••••• | ••••• | ••••• | • • • • • • | | | • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | • • • • • • | •••• |
| TIME (LST) | | 000 | 0 - 02 | 00 | | 030 | 050 - 050 | 00 | | 060 | 0 - 08 | 100 | | 090 | 00 - 11 | 00 |
| SPEED (RIS) | GE15 | GE25 | GE35 | OBS | GB15 | GB25 | GE35 | OBS | GB15 | GE25 | GE35 | OBS | GE15 | GE25 | GB35 | OBS |
| CATEGORY A | 2.3 | .3 | | 930 | 1.3 | .1 | | 930 | 2.5 | .2 | | 930 | 3.8 | .2 | | 930 |
| CATEGORY B | 3.6 | .6 | .3 | 941 | 2.6 | .4 | .2 | 952 | 4.4 | 1.3 | | 952 | 7.0 | 2.0 | .2 | 943 |
| •••••• | • • • • • • • | | ••••• | ••••• | • • • • • • | | | | • | •••• | | ••••• | ••••• | • • • • • • | • • • • • • | · · · · · |
| TIME (LST) | | 120 | 0 - 14 | 00 | | 150 | 0 - 170 | ю | | 180 | 0 - 20 | 00 | | 210 | 0 - 23 | 00 |
| SPEED (KTS) | GE15 | GE25 | GE35 | CBS | GR15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | 088 | GE15 | GE25 | GR35 | 088 |
| CATEGORY A | 5.9 | .6 | | 930 | 4.8 | .5 | | 930 | 1.7 | .1 | | 930 | 2.0 | .2 | | 930 |
| CATEGORY B | 9.1 | 3.2 | .4 | 961 | 8.4 | 2.9 | .7 | 969 | 3.6 | .7 | .1 | 944 | 3.6 | .6 | .2 | 933 |
| • • • • • • • • • • • • • | | ••••• | ••••• | ••••• | • • • • • • | ••••• | ••••• | • • • • • • | ••••• | ••••• | ••••• | ••••• | | • • • • • • | • • • • • • | •••• |
| ****** | | | ••••• | ••••• | • • • • • • | ••••• | • • • • • • | ••••• | •••••• | ••••• | • • • • • • | ••••• | ••••• | • • • • • • | • • • • • • | ••••• |
| TDE (LST) | | | | | 0600 | - 2000 |) | | | 2 | LL H | OURS | | | | |
| SPRED RIS | | | | GE15 | GE25 | GE35 | ОВЯ | 3 | G | E15 G | IE25 G | IB35 | OBS | | | |
| CATEGORY A | | | | 3.7 | .3 | | 4650 |) | | 3.0 | .3 | | 7440 | | | |
| CATEGORY B | | | | 6.5 | 2.0 | .3 | 4769 | • | | 5.3 | 1.5 | .3 | 7595 | | | |
| | ı | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

FROM BOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (BOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

| TIME (LST) | 1 | 000 | 0 - 020 | na | | 030 | 0 - 050 | ^ | | 060 | M - (| 0800 | | nen | 0 - 11 | 00 |
|-------------|----------------------|--------------|--------------|---------------------|--------------|--------------|-----------------|-----|--------------|-------------|-----------|-----------------|---------------------|------|--------------|-----------|
| 1110 (221) | | - | - 02 | | | 050 | - UJU | • | | • | · · | ,,,,, | | 030 | - 11 | 00 |
| SPEED (KTS) | GB15 | GE25 | GB 35 | OBS | GE 15 | GB25 | GE35 | OBS | GB15 | GB25 | GE3 | S OBS | GB15 | GE25 | CE 35 | OBS |
| CATEGORY A | 1.4 | | | 900 | 3.0 | .6 | -1 | 900 | 3.1 | .2 | .1 | 900 | 3.2 | | | 900 |
| CATEGORY B | 3.1 | 1.0 | .1 | 907 | 5.0 | 1.9 | .7 | 906 | 5.0 | 2.0 | •7 | 7 911 | 5.3 | 1.6 | .2 | 916 |
| | ļ • • • • • • • • | | | • • • • • • • • • | • • • • • • | | | | ••••• | | • • • • • | | | | | |
| THE (LST) | 1 | 120 | 0 - 140 | 00 | | 150 | 0 - 170 | 0 | | 180 | 00 - 2 | 2000 | | 210 | 10 - 23 | 00 |
| | | | | | | | | | | | | | | | | |
| SPEED (KTS) | GB15 | CE 25 | GE35 | OBS | GE 15 | GE25 | GE35 | 088 | GE 15 | GE25 | GE3 | 5 OBS | GE15 | GB25 | GE35 | OBS |
| CATEGORY A | 3.3 | .2 | | 900 | 3.0 | .1 | | 900 | 1.9 | | | 900 | .8 | | | 900 |
| CATEGORY B | 7.0 | 1.7 | | 923 | 7.2 | 1.1 | | 936 | 3.8 | .2 | | 913 | 2.1 | .3 | | 913 |
| | | | | | | | | | | | | . . | | | | |
| | • • • • • • • • | | ••••• | • • • • • • • • • • | | | • • • • • • • • | | ••••• | | • • • • • | · • • • • • • • | • • • • • • • • • • | | • • • • • • | • • • • • |
| TIME (LST) | 1 | | | | 0600 | - 2000 | | | | | NLL. | HOURS | | | | |
| ILMS (LDI) | | | | | 0000 | - 2000 | , | | | 4 | -UAL | BOURS | | | | |
| SPEED RTS | | | | GE 15 | GB 25 | QE 35 | OBS | | • | 3815 | 2825 | GE 35 | OB8 | | | |
| CATEGORY A | | | | 2.9 | .1 | .0 | 4500 | | | 2.5 | .1 | .0 | 7200 | | | |
| CATEGORY B | | | | 5.7 | 1.3 | .2 | 4599 | | | 4.8 | 1.2 | .2 | 7325 | | | |

MAGNETIC RUNWAY HEADING: 027-207

PERCENTAGE PREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 027-207

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

| ••••• | | | | ••••• | | | | | | | | | | | | |
|-------------|---------------|--------------|---------|-------|-------|--------------|--------|-------------|--------|-----------------|-------------|-------------|--------|-------|--------|------|
| TIME (LST) | | 000 | 10 - 02 | 00 | | 030 | 0 - 05 | 00 | | 060 | 00 - 08 | 00 | | 090 | 0 - 11 | 00 |
| SPEED (RTS) | GE15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | 088 |
| CATEGORY A | .8 | | | 930 | 1.8 | .1 | | 930 | 2.5 | .2 | | 930 | 3.0 | .2 | | 930 |
| CATEGORY B | 2.1 | .2 | | 942 | 3.5 | .5 | | 936 | 5.2 | .9 | .1 | 936 | 5.9 | 1.1 | .3 | 937 |
| | • • • • • • • | | | ••••• | ••••• | ••••• | ••••• | • • • • • • | ••••• | | • • • • • • | ••••• | ••••• | ••••• | | •••• |
| TDE (LST) | | 120 | 0 - 14 | 00 | | 150 | 0 - 17 | 00 | | 180 | 0 - 20 | 00 | | 210 | 0 - 23 | 00 |
| SPRED (RTS) | GE15 | GR2 5 | GE35 | OBS | GR15 | GE2 5 | GE35 | 088 | GE15 | GE25 | GE35 | OB8 | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 2.9 | | | 930 | 2.2 | .1 | | 930 | 1.7 | .1 | | 930 | .8 | .2 | - | -930 |
| CATEGORY B | 7.2 | 1.3 | | 950 | 6.6 | 1.8 | .6 | 952 | 3.8 | 1.1 | .2 | 945 | 2.0 | .4 | .2 | 940 |
| •••••• | | | | ••••• | | | | | •••••• | • • • • • • | | | •••••• | | | |
| TDE (LST) | 1 | | | | 0600 | - 2000 |) | | | , | ALL H | OURS | | | | |
| SPEED KTS | | | | GE15 | GE25 | GE35 | ОВ | 8 | (| 3 8 15 (| 3825 G | E 35 | OBS | | | |
| | | | | | | | | | | | | | | | | |

 SPRED KTS
 GR15
 GR25
 GR25
 GR25
 GR25
 GR25
 GR25
 GR25
 GR25
 GR25
 CR8

 CATEGORY A
 2.5
 .1
 4650
 1.9
 .1
 7440

 CATEGORY B
 5.7
 1.2
 .3
 4720
 4.6
 .9
 .2
 7538

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

FROM BOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 027-207

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTE: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

| •••••• | • • • • • • • • | • | | | • • • • • • | | •••••• | • • • • • | • • • • • • • • • | • • • • • • | • • • • • | • • • • • • • | •••••• | • • • • • • | • • • • • • | • • • • • |
|---------------|----------------------|--------------|--------------|---|--------------|--------------|---------------|-----------|---------------------|-------------|--------------|-----------------|---|-------------|--------------|-----------|
| TDE (LST) | | 000 | 0 - 020 | 00 | | 030 | 0 - 050 | 0 | | 06 | 00 - | 0800 | | 090 | 0 - 110 | 00 |
| SPEED (KTS) | GE 15 | QE25 | CE 35 | OBS | Œ15 | CE 25 | CE 35 | OBS | GE 15 | GB25 | GE3 | 5 OBS | GE15 | GE25 | GE35 | 088 |
| CATEGORY A | .1 | | | 900 | | | | 900 | .3 | | | 900 | .8 | | | 900 |
| CATEGORY B | .6 | | | 906 | 1.0 | | | 901 | .4 | .2 | | 908 | 3.0 | .3 | | 905 |
| •••••• | l • • • • • • • • | ••••• | • • • • • • | • | ••••• | | ••••• | | | | • • • • • | • • • • • • • | | | | • • • • • |
| THE (LST) | Ì | 120 | 0 - 140 | 00 | | 150 | 0 - 170 | 0 | | 18 | 00 - | 2000 | | 210 | 0 - 230 | 00 |
| SPEED (KTS) | CE 15 | GE 25 | QB 35 | OBS | CE 15 | GE25 | GE 35 | OBS | GE 15 | GE 25 | GE3 | 5 388 | GB 15 | GE25 | GE 35 | OBS |
| CATEGORY A | 2.0 | | | 900 | 1.7 | .2 | | 900 | 1.9 | | | 900 | .6 | | | 900 |
| CATEGORY B | 6.8 | .2 | | 913 | 6.3 | .7 | .1 | 922 | 3.9 | .7 | | 919 | 2.0 | .2 | | 913 |
| ************* | | • • • • • | | • • • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | •••• | • • • • • • • • • • | • • • • • • | •••• | • • • • • • • • | • | | | •••• |
| ************* | • • • • • • • • | ••••• | • • • • • • | • • • • • • • • • | | • • • • • • | • • • • • • • | •••• | •••••• | • • • • • • | •••• | • • • • • • • • | •••••• | • • • • • • | ••••• | •••• |
| TIME (LST) | 1 | | | | 0600 | - 2000 |) | | | | ALL | HOURS | | | | |
| SPEED RTS | | | | GE 15 | CE25 | CE 35 | OBS | } | · | 定15 | GE 25 | GE 35 | OBS | | | |
| CATEGORY A | | | | 1.3 | .0 | | 4500 |) | | .9 | .0 | | 7200 | | | |
| CATEGORY B | | | | 4.1 | .4 | .0 | 4567 | | | 3.0 | .3 | .0 | 7287 | | | |

G - 2 - 6

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM BOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 027-207

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE BOUR (HOURLIES + SPECIALS)

| ************** | • • • • • • • | • • • • • • | ••••• | • • • • • • • • | • • • • • • | ••••• | ••••• | • • • • • • | • • • • • • • • • | ••••• | •••• | • • • • • • | •••••• | • • • • • • | ••••• | • • • • • |
|----------------|----------------------|-------------|--------------|---------------------|-------------|--------|---------|-------------|-------------------|-------|--------------|-------------|--------|-------------|--------------|-----------|
| TDE (LST) | | 000 | 0 - 020 | 00 | | 030 | 0 - 050 | 00 | | 060 | 0 - 0 | 800 | | 090 | 0 - 11 | 00 |
| SPEED (KIS) | GE15 | GE25 | GE 35 | OBS | GB15 | GB25 | GE35 | OBS | GR15 | GE25 | GE35 | OBS | GB15 | GE25 | GE 35 | OBS |
| CATEGORY A | .8 | .1 | | 930 | | | | 930 | .6 | | | 930 | .5 | | | 930 |
| CATEGORY B | 1.2 | .4 | | 944 | .3 | | | 945 | .7 | | | 943 | 2.0 | .4 | | 936 |
| ••••• | | | | | | | ••••• | | ••••• | | •••• | • • • • • • | | | | •••• |
| TDE (LST) | | 120 | 0 - 140 | X 0 | | 150 | 0 - 170 | 00 | | 180 | 0 - 2 | 000 | | 210 | 0 - 23 | 00 |
| SPEED (KTS) | GE15 | GE25 | GB35 | OBS | GE15 | GB25 | GE35 | OBS | GB15 | GR25 | GE35 | OBS | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 2.0 | | | 930 | 1.8 | | | 930 | 2.7 | .1 | | 930 | 1.1 | .1 | | 930 |
| CATEGORY B | 6.3 | 1.1 | .1 | 948 | 5.4 | .3 | .1 | 942 | 4.5 | .5 | .2 | 948 | 2.4 | .4 | .2 | 957 |
| ••••• | ! · • • • • • • • | | | • • • • • • • • • • | | | | | • • • • • • • • • | | • • • • • | | | | | • • • • • |
| ••••• | • • • • • • • | ••••• | ••••• | • • • • • • • • | • • • • • • | ••••• | | • • • • • • | • • • • • • • • • | ••••• | •••• | | ••••• | • • • • • • | ••••• | •••• |
| TDE (LST) | | | | | 0600 | - 2000 |) | | | 2 | ILL. | HOURS | | | | |
| SPEED RTS | | | | GB15 | GB25 | GE35 | OBS | 3 | G | E15 G | IE 25 | CE35 | OBS | | | |
| CATEGORY A | | | | 1.5 | .0 | | 4650 |) | | 1.2 | .0 | | 7440 | | | |
| CATEGORY B | | | | 3.8 | .5 | .1 | 4717 | , | | 2.9 | .4 | .1 | 7563 | | | ~ |
| | | | | | | | | | | | | | | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 027-207

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91 MONTH: AUG

•••••••••••••••••••••••••••••••••••

LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

| | | | | | | | | • • • • • | | | | | | | | |
|--------------|-----------------|--------------|--------------|---|--------------|--------------|---------------|-----------|-------------------|------|-----------|---------------|-------|-------|---------|-----------|
| THE (LST) | l | 000 | 0 - 02 | 00 | | 030 | 050 - 050 | 0 | | 06 | 00 - | 0800 | | 090 | 0 - 110 | 00 |
| SPEED (KIS) | GE 15 | QB 25 | QB 35 | OBS | CE 15 | GE 25 | GE35 | OB8 | GE15 | GE25 | Œ3 | 5 OBS | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 1.0 | | | 930 | .3 | .1 | | 930 | .5 | | | 930 | .1 | | | 930 |
| CATEGORY B | 1.4 | .2 | | 950 | 1.0 | .2 | | 941 | 1.2 | .1 | | 940 | .6 | | | 937 |
| •••••• | | ••••• | ••••• | • | | ••••• | | •••• | | | | • • • • • • • | | | | •••• |
| TIME (LST) | | 120 | 0 - 140 | 00 | | 150 | 0 - 170 | 0 | | 18 | 00 - | 2000 | | 210 | 0 - 23 | 00 |
| SPEED (KTS) | GE15 | QB25 | GB 35 | OBS | CE 15 | GE 25 | Œ35 | OBS | GE15 | GE25 | GE3 | 5 OBS | GB15 | Œ25 | GE35 | OBS |
| CATEGORY A | 1.1 | | | 930 | .9 | .1 | | 930 | 1.6 | | | 930 | .3 | | | 930 |
| CATEGORY B | 3.5 | | | 942 | 2.5 | .5 | .1 | 958 | 3.2 | .5 | | 950 | 1.7 | .3 | | 947 |
| ••••• | l | •••• | | • • • • • • • • • | | | • • • • • • • | | ••••• | •••• | • • • • • | • • • • • • • | | | | • • • • • |
| ************ | • • • • • • • • | ••••• | ••••• | • • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | •••• | • • • • • • • • • | •••• | •••• | • • • • • • • | ••••• | ••••• | ••••• | • • • • • |
| TIME (LST) | | | | | 0600 | - 2000 |) | | | | ALL | HOURS | | | | |
| SPEED KTS | | | | GE15 | GE25 | GE35 | OBS | } | c | Æ15 | GE25 | GE35 | OBS | | | |
| CATEGORY A | | | | .8 | .0 | | 4650 |) | | .7 | .0 | | 7440 | | | |
| CATEGORY B | | | | 2.2 | .2 | .0 | 4727 | | | 1.9 | .2 | .0 | 7565 | | | |

G - 2 - 8

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM BOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 027-207

| STATION NUMBER: 723865 | STATION NAME: WELLIS AFB/LAS VEGAS NV | PERIOD OF RECORD: OCT 81 - SEP 91 |
|------------------------|---------------------------------------|-----------------------------------|
| | Tom the large A D | MONTH OF |

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

| | | | | EGORY B: | | | | | | | • | | • | | | |
|---------------|---------------------|-------------|--------|----------|-------------|-------------|---------|------------|-------|-------------|-----------|-------------|--------|-------|---------|-----------|
| ************* | ••••• | • • • • • • | | •••••• | • • • • • • | | ••••• | | ••••• | • • • • • • | • • • • • | | •••••• | | | •••• |
| TIME (LST) | | 000 | 0 - 02 | 00 | | 030 | 0 - 050 | 00 | | 06 | 00 - 0 | 800 | | 090 | 00 - 11 | 00 |
| SPEED (KTS) | GE15 | GE25 | GB35 | OBS | GE15 | GE25 | GE35 | OBS | GB15 | GE25 | GE35 | OBS | GR15 | GE25 | GB35 | OBS |
| CATEGORY A | .3 | | | 900 | .2 | .1 | | 900 | .2 | | | 900 | .6 | | | 900 |
| CATEGORY B | .7 | .1 | | 905 | .3 | .1 | .1 | 907 | 1.1 | .1 | | 909 | 2.5 | | | 913 |
| | • • • • • • • • | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| TIME (LST) | | 120 | 0 - 14 | 00 | | 150 | 0 - 170 |) 0 | | 18 | 00 – 2 | :000 | | 210 | 00 - 23 | 00 |
| SPEED (RTS) | GE15 | GE25 | GR35 | OBS | GB15 | GE25 | GE35 | OBS | GE15 | GE25 | GB35 | OBS | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 1.3 | | | 900 | 1.9 | .1 | | 898 | 1.7 | .2 | | 897 | .7 | .2 | | 897 |
| CATEGORY B | 4.8 | .5 | | 926 | 4.7 | 1.0 | .2 | 927 | 2.5 | .4 | .3 | 910 | 1.0 | .4 | .1 | 902 |
| | | ••••• | ••••• | | • • • • • • | ••••• | | | | • • • • • | • • • • • | • • • • • • | | ••••• | | • • • • • |
| TIME (LST) | l | | | | 0600 | - 2000 |) | | ••••• | | ALL | HOURS | | ••••• | | •••• |
| | | | | | | | • | | | | | | | | | |
| SPEED KTS | | | | GB15 | GE25 | GE35 | OB | 3 | (| GE15 | GE25 | GE35 | OBS | | | |
| CATEGORY A | | | | 1.1 | .1 | | 449 | 5 | | .9 | .1 | | 7192 | | | |
| CATEGORY B | | | | 3.1 | .4 | .1 | 4589 | 5 | | 2.2 | .3 | .1 | 7299 | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 027-207 PERIOD OF RECORD: OCT 81 - SEP 91

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

MONTE: OCT

LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (BOURLIES + SPECIALS)

| | ••••• | | ••••• | • • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | •••• | • • • • • • • • | •••• | | • • • • • • | • | • • • • • • | • • • • • • | • • • • • |
|-------------|-------------|-------|---------|---------------------------------------|-------------|-------------|---------------------------------------|-------|-----------------|--------|-----------|--------------|---|---------------------------------------|-------------|-----------|
| TIME (LST) | | 000 | 00 - 02 | 00 | | 030 | 0 - 050 | 0 | | 060 | 0 - 0 | 800 | | 090 | 00 - 11 | 00 |
| SPEED (RTS) | GE15 | GB25 | GE35 | OBS | GB15 | GB25 | GB35 | OBS | GE15 | GE25 | GE35 | OBS | GE15 | GB25 | GE35 | OBS |
| CATEGORY A | .3 | | | 930 | .2 | | | 930 | | | | 930 | .5 | | | 930 |
| CATEGORY B | .5 | | | 939 | .6 | | | 938 | .3 | | | 940 | 1.3 | .2 | | 939 |
| | • • • • • • | ••••• | | ••••• | • • • • • • | ••••• | | ••••• | | •••• | • • • • • | | | • • • • • • | • • • • • • | • • • • • |
| TIME (LST) | | 120 | 0 - 14 | 00 | | 150 | 00 - 170 | 0 | | 180 | 00 - 20 | 000 | | 210 | 00 - 23 | 00 |
| SPEED (KTS) | GE15 | GE25 | GB35 | OBS | GB15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | OBS | GE15 | GE25 | GB35 | OBS |
| CATEGORY A | 1.2 | .1 | | 930 | 1.8 | .1 | | 930 | .5 | | | 930 | .5 | | | 930 |
| CATEGORY B | 2.5 | .8 | .1 | 943 | 3.7 | .4 | | 945 | 1.4 | .2 | | 942 | .9 | .1 | | 937 |
| | • • • • • • | | | • • • • • • • • • • • • • • • • • • • | • • • • • • | | • • • • • • | •••• | | •••• | | • • • • • • | | • • • • • • • • • • • • • • • • • • • | | • • • • • |
| Time (LST) | | | | | 0600 | - 2000 | · · · · · · · · · · · · · · · · · · · | •••• | | | ALL I | OURS | | | • • • • • • | •••• |
| 11 (2027 | | | | | 0000 | | | | | • | | | | | | |
| SPEED KTS | | | | QB15 | GB25 | GE35 | OBS | 1 | G | IB15 (| XB25 (| 3E 35 | OBS | | | |
| CATEGORY A | | | | .8 | -0 | | 4650 | , | | .6 | .0 | | 7440 | | | |
| CATEGORY B | | | | 1.8 | .3 | .0 | 4709 | | | 1.4 | .2 | .0 | 7523 | | | |

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY BEADING: 027-207

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV

PERIOD OF RECORD: OCT 81 - SEP 91 LST TO UTC: + 8 MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (BOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

| | • • • • • • • • | | CAR | EGORY B: | HIGHES | L MIND | S KEPON | GLRD MI | THIM TH | | ODE) | ······ | SPECIALS) | | | • • • • • |
|---|---------------------|-------|--------|-------------------|-------------|--------|---------|-------------|-----------------|-------------|-----------|-----------------|-----------|-------|--------|-----------|
| TIME (LST) | l | 000 | 0 - 02 | 00 | | 030 | 0 - 050 | n | | 06 | 00 - | 0800 | | 090 | 0 - 11 | nn |
| 122 (201) | | 000 | - 02 | | | 0,50 | | • | | • | - | - | | 030 | | - |
| SPEED (KTS) | GB15 | GE/ 3 | GE35 | OBS | GB15 | GB25 | GB35 | OBS | GB15 | GE25 | GB3 | 5 OBS | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 1.0 | .1 | | 900 | 1.8 | | | 900 | 2.2 | .1 | | 900 | 3.1 | .4 | | 900 |
| CATEGORY B | 2.4 | .7 | | 920 | 2.6 | 1.0 | .2 | 919 | 2.9 | 1.3 | | 916 | 5.7 | 2.1 | .3 | 911 |
| | · • • • • • • • | | | • • • • • • • • • | • • • • • • | | | | • • • • • • • • | • • • • • • | • • • • • | | | | | •••• |
| TDE (LST) | | 120 | 0 - 14 | 00 | | 150 | 0 - 170 | 0 | | 18 | 00 - | 2000 | | 210 | 0 - 23 | 00 |
| SPEED (RTS) | GE15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | OBS | GB15 | GE25 | GE3 | 5 OBS | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 3.0 | .4 | | 900 | 2.3 | | | 900 | .9 | | | 900 | .9 | | | 900 |
| CATEGORY B | 5.6 | 1.5 | .3 | 913 | 4.2 | .9 | | 911 | 1.8 | .4 | | 906 | 2.7 | .9 | | 905 |
| ••••• | ! | | | ••••• | | | | •••• | | • • • • • | • • • • • | | ••••• | | | • • • • • |
| • | • • • • • • • • | ••••• | ••••• | ••••• | ••••• | ••••• | ••••• | • • • • • • | •••••• | • • • • • | • • • • • | • • • • • • • • | ••••• | ••••• | ••••• | •••• |
| TIME (LST) | 1 | | | | 0600 | - 2000 | ı | | | | ALL | HOURS | | | | |
| SPEED KTS | | | | GE15 | GB25 | GE35 | OBS | } | | GB15 | GB25 | GE35 | OBS | | | |
| CATEGORY A | | | | 2.3 | .2 | | 4500 |) | | 1.9 | .1 | | 7200 | | | |
| CATEGORY B | | | | 4.0 | 1.3 | .1 | 4557 | , | | 3.5 | 1.1 | .1 | 7301 | | | |

CATEGORY B

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 8 MONTH: DEC

| CATEGORY A: | ANY | CEILING | OR | VISIBILITY | (HOURLY | OBS | ONLY) | |
|-------------|-----|---------|----|------------|---------|-----|-------|--|
|-------------|-----|---------|----|------------|---------|-----|-------|--|

2.8 .8 .1 4686

| CATEGO | RY B: | HIGHEST WINDS | REPORTED | MITHIN | THE HOUR | (HOURLIES + | SPECIALS) | |
|------------|-------|---------------|----------|--------|----------|-------------|-----------|--|
| . | | | | | | | | |

| ************** | • • • • • • • | • • • • • • | ••••• | • • • • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • | • • • • • • • • • • | • • • • • • | | • • • • • • | | | ••••• | • • • • • |
|----------------|----------------------|-------------|--------|-------------------|-------------|-------------|-------------|-------------|---------------------|-------------|----------------|---------------|-------------------|-------------|----------|-----------|
| TIME (LST) | | 000 | 0 - 02 | 00 | | 030 | 00 - 050 | 00 | | 06 | DO - Q | B00 | | 090 | 00 - 110 | 00 |
| SPEED (KTS) | GE15 | GB25 | GB35 | OBS | GB15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | 038 | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 1.4 | | | 930 | .9 | | | 930 | .6 | | | 930 | 1.7 | .1 | | 930 |
| CATEGORY B | 2.7 | .7 | | 935 | 1.7 | | | 941 | 1.5 | .2 | | 940 | 3.4 | 1.0 | | 940 |
| •••••• | ! · • • • • • • • | | | ••••• | · • • • • • | | • • • • • • | | ••••• | | • • • • • • | • • • • • • | | · | | •••• |
| TIME (LST) | | 120 | 0 - 14 | 00 | | 150 | 0 - 170 | 00 | | 180 | 00 - 20 | 000 | | 210 | 0 - 23 | 00 |
| SPEED (KTS) | GE15 | GE25 | GE35 | OBS | GE15 | GB25 | GB35 | OBS | GE15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 | OBS |
| CATEGORY A | 2.5 | .2 | | 930 | 1.5 | .1 | | 930 | 1.7 | | | 930 | .9 | | | 930 |
| CATEGORY B | 4.0 | 1.4 | .2 | 939 | 2.7 | .7 | .1 | 937 | 2.2 | .9 | | 930 | 2.0 | .5 | | 936 |
| •••••• | | ••••• | | ••••• | • • • • • • | • • • • • • | • • • • • • | • • • • • | • • • • • • • • • • | • • • • • • | • • • • • • | ••••• | | · • • • • • | | •••• |
| ************ | • • • • • • • | ••••• | ••••• | •••••• | | ••••• | | ••••• | • • • • • • • • • | • • • • • • | • • • • • • | • • • • • • • | • • • • • • • • • | | | • • • • • |
| TIME (LST) | | | | | 0600 | - 2000 |) | | | i | ALL 1 | HOURS | | | | |
| SPEED RTS | | | | GE 15 | GB25 | GE 35 | ОВ | 3 | · · | 3E15 (| 3 B25 (| GE35 | OBS | | | |
| CATEGORY A | | | | 1.6 | .1 | | 4650 |) | | 1.4 | .1 | | 7440 | | | |
| | | | | | | | | | | | | | | | | |

2.5 .7 .0 7498

MAGNETIC RUNWAY HEADING: 027-207

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM BOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 027-207

STATION NUMBER: 723865 STATION NAME: NELLIS AFB/LAS VEGAS NV PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 8 MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

| | | | | | | •••• | | | | | | | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
|---|---------------------------------------|-------|--------|---------------|------|-------|-----------|-------------|------|-------|---------|-----------|--------|------|---|---|
| TIME (LST) | | 000 | 0 - 02 | 300 | | 030 | 0 - 05 | 00 | | 060 | 0 - 080 | 00 | | 090 | 0 - 1100 | |
| SPEED (KTS) | GR15 | GE25 | GB35 | OBS | GE15 | GE25 | GE35 | OBS | GR15 | GE25 | GE35 | OBS | GE15 | GE25 | GE35 OBS | 3 |
| CATEGORY A | 1.0 | .1 | | 10956 | 1.0 | .1 | .0 | 10956 | 1.2 | .1 | .0 | 10956 | 1.7 | .1 | 10956 | 5 |
| CATEGORY B | 1.9 | .4 | .0 | 11091 | 1.9 | .4 | .1 | 11092 | 2.2 | .6 | .1 | 11111 | 3.6 | .9 | .1 11087 | , |
| • | l • • • • • • • • | •••• | •••• | | | | • • • • • | | | | | • • • • • | ••••• | | ••••• | |
| TIME (LST) | 1 | 120 | 0 - 14 | 100 | | 150 | 00 - 17 | 700 | | 180 | 0 - 20 | 00 | | 210 | 0 - 2300 | |
| SPEED (RTS) | GE15 | GE25 | GE35 | 098 | GE15 | GB25 | GB35 | OBS | GB15 | GE25 | GR35 | OBS | GE15 | GB25 | GR35 OBS | 3 |
| CATEGORY A | 2.3 | .1 | | 10956 | 2.1 | .1 | | 10954 | 1.5 | .1 | : | 10953 | .9 | .1 | 10953 | 3 |
| CATEGORY B | 5.2 | 1.1 | .1 | 11177 | 4.7 | .9 | .2 | 11216 | 2.8 | .5 | .1 | 11109 | 2.0 | .4 | .1 11085 | 5 |
| ••••• | l •••••• | | | • • • • • • • | | | | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | ••••• | ••••• | • • • • • • | | ••••• | | • • • • • • | | ••••• | | ••••• | •••••• | | | • |

| TIME (LST) | | 0600 | - 2000 | | | ALL | HOURS | |
|------------|------|------|--------|-------|------|------|-------|-------|
| SPEED KTS | GE15 | GB25 | GE35 | OBS | GE15 | GB25 | GE35 | OBS |
| CATEGORY A | 1.7 | .1 | .0 | 54775 | 1.4 | .1 | .0 | 87640 |
| CATEGORY B | 3.7 | .8 | .1 | 55700 | 3.0 | .7 | .1 | 88968 |
| | | | | | | | | |

| PPPPP | PPP | AAA | AAA | RRRR | RRRR | TOPPOPPPPPPP | HH | HH |
|-------|------|-------|-------|------|-------|--------------|--------|------|
| PPPPF | PPPP | AAAA | AAAA | RRRR | RRRRR | | HH | HH |
| PP | PP | λλ | λλ | RR | RR | TT | HH | HH |
| PP | PP | AA | λA | RR | RR | TT | HH | HH |
| PPPPF | PPPP | λλ | λλ | RRRR | RRRRR | TT | нинини | HHHH |
| PPPPP | PPP | AAAAA | Αλλλλ | RRRR | RRRR | TT | HHHHHH | ннян |
| PP | | AAAAA | AAAAA | RR | RR | TT | HH | HH |
| PP | | λλ | λλ | RR | RR | TT | HH | HH |
| PP | | AA | λλ | RR | RR | TT | HH | RH |
| PP | | AA | AA | RR | RR | TT | HH | HH |

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM BOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MOWTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AMS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD
"BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR
COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE
TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

MOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

HEATING DEGREE DAYS FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

| STATION ! | NUMBER: 72386 | | ATION NA | MB: WELLI : + 8 | S AFB/LA | S VEGAS | KV | | PER | COD OF R | ECORD: J | AN 43 - | SEP 91 |
|-----------|---------------|-----|----------|--------------------|----------|---------|-----------------|-------|-------------|----------|----------|---------|--------|
| YEARS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ann |
| 1943 | 517 | 305 | 181 | 78 | 1 | ••••• | • • • • • • • • | ••••• | • • • • • • | 48 | 307 | 495 | 1932 |
| 1944 | 588 | 491 | 273 | 81 | 11 | | | | *** | | | | 1444 |
| 1949 | **** | 573 | 274 | 44 | | | | | | 115 | 169 | 647 | 1822 |
| 1950 | 714 | 342 | 225 | 37 | 24 | | | | | 4 | 232 | 420 | 1998 |
| 1951 | 594 | 426 | 267 | 55 | 21 | | | | | 65 | 365 | 650 | 2443 |
| 1952 | 661 | 434 | 397 | 35 | | | | | | | 419 | 573 | 2519 |
| 1953 | 408 | 399 | 223 | 83 | 32 | | | | | 79 | 243 | 605 | 2072 |
| 1954 | 557 | 241 | 328 | 10 | 5 | | | | | 45 | 193 | 605 | 1984 |
| 1955 | 688 | 528 | 259 | 105 | 23 | 1 | | | | 6 | 291 | 451 | 2352 |
| 1956 | 443 | 500 | 224 | 77 | 2 | | | | | 70 | 380 | 527 | 2223 |
| 1957 | 594 | 208 | 165 | 63 | 14 | | | | | 48 | 402 | 482 | 1976 |
| 1958 | 503 | 287 | 296 | 112 | 1 | | | | | 22 | 288 | 440 | 1949 |
| 1959 | 510 | 398 | 171 | 8 | 8 | | | | 1 | 34 | 297 | 498 | 1925 |
| 1960 | 674 | 502 | 139 | 53 | 1 | | | | | 35 | 278 | 561 | 2243 |
| 1961 | j 560 | 337 | 246 | 35 | 1 | | | | | 130 | 412 | 685 | 2406 |
| 1962 | 625 | 409 | 421 | 12 | 23 | 1 | | | | 19 | 248 | 578 | 2336 |
| 1963 | 695 | 223 | 306 | 161 | 2 | | | | | 10 | 265 | 643 | 2305 |
| 1964 | 674 | 530 | 374 | 133 | 65 | | | | | 5 | 451 | 607 | 2839 |
| 1965 | 560 | 436 | 365 | 203 | 34 | | | | 15 | 23 | 256 | 579 | 2471 |
| 1966 | 677 | 540 | 250 | 68 | | | | | | 66 | 289 | 588 | 2478 |
| 1967 | 615 | 421 | 173 | 221 | 24 | | | | | 19 | 252 | 723 | 2448 |
| 1968 | 635 | 278 | 179 | 91 | 9 | | | | | 27 | 274 | 731 | 2224 |
| 1969 | 497 | 484 | 349 | 55 | 10 | | | | | 74 | 272 | 503 | 2244 |
| 1970 | 514 | 254 | 238 | 149 | | | | | | 111 | 282 | 604 | 2152 |
| 1973 | 721 | 401 | 373 | 107 | 7 | | | | | 29 | 330 | 548 | 2516 |

| 1974 | 1 | 678 | 401 | 149 | 47 | 7 | | | | 51 | 337 | 645 | 2315 |
|-------|------|-------|-------|-------|-------|---------|-------------------|---|------|-------|-------|-----------|------|
| 1975 | | 622 | 450 | 339 | 186 | 26 | | | | 67 | 369 | 538 | 2597 |
| | • | | - | | | | | | | • | 505 | | 2021 |
| 1976 | 1 | 584 | 361 | 319 | 139 | 5 | | | | 47 | 282 | 664 | 2401 |
| 1977 | | 636 | 315 | 385 | 54 | 56 | | | | 5 | 251 | 446 | 2148 |
| 1978 | - 1 | 543 | 377 | 184 | 110 | 18 | | | | 1 | 306 | 645 | 2184 |
| 1979 | | 694 | 464 | 233 | 59 | 17 | | | | 41 | 377 | 532 | 2417 |
| 1980 | | 453 | 288 | 265 | 105 | 32 | | | | 88 | 286 | 463 | 1980 |
| | ' | | | | | | | | | 00 | 200 | 403 | 1500 |
| 1981 | ı | 466 | 360 | 228 | 29 | 1 | | | | 63 | 179 | 500 | 1826 |
| 1982 | | 569 | 355 | 263 | 71 | 6 | | | 2 | 44 | 360 | 551 | 2221 |
| 1983 | 1 | 507 | 294 | 225 | 151 | 13 | | | | 7 | 289 | 567 | 2053 |
| 1984 | - 1 | 545 | 418 | 196 | 67 | | | | | 113 | 331 | 590 | 2260 |
| 1985 | - 1 | 568 | 441 | 220 | 9 | | | | | 18 | 391 | 548 | 2195 |
| | | | | | | | | | | | | | |
| 1986 | 1 | 452 | 275 | 118 | 39 | 7 | | | 3 | 52 | 283 | 572 | 1801 |
| 1987 | | 594 | 384 | 325 | 43 | | | | | 19 | 343 | 683 | 2391 |
| 1988 | | 642 | 404 | 251 | 76 | 32 | | | | | 274 | 567 | 2246 |
| 1989 | ŀ | 636 | 423 | 110 | 21 | 13 | | | | 56 | 240 | 554 | 2053 |
| 1990 | ı | 602 | 442 | 175 | 12 | | | | | 24 | 310 | 774 | 2339 |
| 1991 | 1 | 626 | 264 | 327 | 45 | 14 | | | | | | | 1276 |
| ••••• | •••• | | | | ••••• | ••••• | | • | | | | . | |
| HEAR | ı | 586 | 387 | 256 | 77 | 13 | 0 | | 0 | 43 | 302 | 575 | |
| SD | 1 | 80.84 | 92.10 | 79.38 | 53.34 | 15.00 | .21 | | 2.36 | 34.44 | 64.74 | 82.73 | |
| | | | | | | | | | | | | | |
| | | | | | ****8 | PL 30YR | BU RRAT IO | f (1951 –1980)* | *** | | | | |
| MEAN | 1 | 593 | 389 | 272 | 90 | 15 | 0 | | 0 | 43 | 310 | 575 | |
| 8D | 1 | 85.38 | 97.27 | 83.18 | 57.14 | 16.69 | .26 | | 2.83 | 33.58 | 63.49 | 81.46 | |

B - 2 - 1A

COOLING DEGREE DAYS FROM BOURLY OBSERVATIONS

BASE TEMPERATURE 65

| | | | | | | | | | | BAS | R TEMPER | ATURE 65 | | |
|----------------------|-------------|---------------------|-------|----------------------------|-----|---------|-------|-----|-----|-----|----------|-----------------|---------------|-------|
| STATION | HUNGS | ER: 72386 | | ATION NAME: T TO UTC: + | | afb/las | VEGAS | NV | | PER | IOD OF R | ECORD: J | AN 43 - | SEP 9 |
| YEARS | İ | JAN | PRB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOA | DEC | ANN |
| 1943 | · · · · · · | • • • • • • • • • • | ••••• | 16 | 204 | 364 | 499 | 776 | 753 | 552 | 186 | • • • • • • • • | • • • • • • • | 3350 |
| 1944 | | | | | 16 | 314 | 421 | 730 | 738 | *** | | | | 2219 |
| 1949 | ı | **** | | | 170 | 293 | 640 | 814 | 636 | 558 | 121 | | | 3232 |
| 1950 | ı | | | 3 | 154 | 327 | 541 | 802 | 747 | 435 | 243 | 13 | | 3265 |
| 1951 | ı | | | 4 | 73 | 324 | 564 | 810 | 674 | 531 | 116 | | | 3096 |
| 1952 | 1 | | | 4 | 84 | 399 | 500 | 767 | 863 | 525 | 248 | 5 | | 3395 |
| 1953 | | | | | 111 | 150 | 552 | 868 | 733 | 544 | 148 | 3 | | 3117 |
| 1954 | 1 | | | 7 | 195 | 464 | 531 | 860 | 706 | 520 | 212 | | | 3495 |
| 1955 | 1 | | | 7 | 57 | 262 | 554 | 764 | 751 | 536 | 217 | 5 | | 3153 |
| 1 95 6 | 1 | | | 15 | 96 | 359 | 641 | 782 | 693 | 591 | 134 | | | 3311 |
| 1957 | J | | 9 | 8 | 80 | 219 | 695 | 812 | 719 | 503 | 82 | | | 3127 |
| 1958 | | | | | 105 | 466 | 635 | 765 | 840 | 539 | 245 | 4 | | 3599 |
| 1959 | ŀ | | | | 175 | 298 | 700 | 921 | 725 | 427 | 175 | | | 3426 |
| 1960 | ı | | | 32 | 145 | 324 | 726 | 854 | 762 | 548 | 135 | 5 | | 3531 |
| 1961 | 1 | | | | 89 | 370 | 751 | 836 | 711 | 341 | 99 | | | 3197 |
| 1962 | - 1 | | | | 177 | 213 | 521 | 733 | 769 | 487 | 164 | 3 | | 3067 |
| 1963 | - 1 | | 4 | _ | 36 | 346 | 430 | 762 | 736 | 488 | 181 | 1 | | 2984 |
| 1964 | i | | | 5 | 58 | 266 | 479 | 792 | 721 | 404 | 245 | | | 2970 |
| 1565 | j | | | | 108 | 213 | 406 | 742 | 685 | 280 | 133 | | | 2567 |
| 1 '66 | ŀ | | | 11 | 79 | 406 | 589 | 769 | 760 | 462 | 78 | 2 | | 3156 |
| 1967 | | | | 23 | 4 | 274 | 441 | 879 | 860 | 464 | 149 | 5 | | 3099 |
| 1968 | I | | | 6 | 47 | 296 | 583 | 781 | 617 | 464 | 92 | | | 2886 |
| 1969 | 1 | | _ | 8 | 73 | 394 | 534 | 790 | 924 | 566 | 57 | _ | | 3346 |
| 1970 | ı | | 2 | 3 | 36 | 396 | 635 | 880 | 832 | 402 | 104 | 2 | | 3292 |
| 1973 | ı | | | | 73 | 428 | 655 | 889 | 757 | 433 | 137 | 9 | | 3381 |

| 1974 | 1 | | 38 | 51 | 419 | 704 | 815 | 699 | 553 | 168 | | 3447 |
|--------|---------------|---|-----------------|-----------------|-----------------|--------------------|-------|----------|---------------|-------------------|-------|---|
| 1975 | | | 5 | 15 | 266 | 591 | 795 | 669 | 475 | 127 | | 2943 |
| | • | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1976 | 1 | | | 52 | 385 | 543 | 769 | 616 | 391 | 57 | 2 | 2815 |
| 1977 | - 1 | | | 121 | 142 | 656 | 823 | 764 | 450 | 178 | 3 | 3137 |
| 1978 | - 1 | | 7 | 36 | 226 | 606 | 766 | 763 | 437 | 249 | 5 | 3095 |
| 1979 | 1 | | | 94 | 349 | 566 | 755 | 631 | 565 | 212 | | 3172 |
| 1980 | - 1 | | 2 | 57 | 146 | 560 | 806 | 751 | 452 | 181 | 11 | 2966 |
| | • | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1981 | - 1 | | 5 | 180 | 271 | 700 | 889 | 794 | 524 | 84 | 22 | 3469 |
| 1982 | - 1 | | 3 | 97 | 321 | 518 | 751 | 764 | 453 | 49 | | 2956 |
| 1983 | ı | | 1 | 20 | 311 | 576 | 766 | 604 | 495 | 75 | 8 | 2856 |
| 1984 | | | 4 | 111 | 586 | 644 | 770 | 709 | 577 | 83 | 1 | 3485 |
| 1985 | | | 4 | 204 | 400 | 647 | 811 | 746 | 342 | 108 | 1 | 3263 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1986 | - 1 | 21 | 60 | 105 | 430 | 706 | 744 | 838 | 341 | 68 | 2 | 3315 |
| 1987 | 1 | | | 122 | 318 | 625 | 649 | 725 | 454 | 160 | | 3053 |
| 1988 | | | 7 | 54 | 295 | 586 | 842 | 688 | 443 | 313 | 34 | 3262 |
| 1989 | 1 | 2 | 80 | 252 | 372 | 635 | 880 | 689 | 473 | 155 | | 3538 |
| 1990 | | | 23 | 120 | 317 | 580 | 789 | 717 | 539 | 156 | | 3241 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1991 | 1 | | | 60 | 202 | 547 | 814 | 729 | 493 | | | 2845 |
| ••••• | • • • • • • • | • | • • • • • • • • | • • • • • • • • | • • • • • • • • | • • • • • • • • • | ••••• | ••••• | • • • • • • • | • • • • • • • • • | ••••• | • |
| HEAN | | 0 | 9 | 97 | 323 | 586 | 800 | 735 | 477 | 149 | 3 | |
| restar | , | • | • | 31 | 343 | 360 | 800 | , 33 | 411 | 143 | , | |
| SD | 1 | 3.49 | 16.15 | 58.82 | 91.87 | 84.53 | 53.48 | 68.27 | 71.98 | 63.63 | 6.60 | |
| | , | 2002 | | | 3200. | 44455 | | | | | | |
| | | | | | | | | | | | | |
| | | | | **** | PL 30YR | SUP PA TION | (1951 | -1980)** | ** | | | |
| | | _ | _ | | | | | | | | | |
| HEAN | 1 | 0 | 7 | 83 | 314 | 583 | 806 | 740 | 477 | 154 | 2 | |
| 8D | 1 | 1.86 | 9.50 | 47.31 | 94.76 | 89.36 | 49.57 | 73.78 | 72.74 | 57.98 | 2.93 | |
| - | | 1.00 | 3.30 | 41.97 | J4./0 | 03.30 | 43.3/ | | /4./4 | 31.30 | 2.73 | |

H - 3 - 1A

AWS

STATION NAME: NELLIS AFB/LAS VEGAS NV

LATITUDE/LONGITUDE: 36 14 N 115 02 W

CLIMATIC BRIEF

BOURLY OBS POR: OCT 81 - SEP 91

SUPPLARY OF DAY POR: MAR 42-SEP 44, JAN 49-SEP 91

HOURS SUMMARIZED: 0000 - 2300 LST

LST TO UTC: +08 MAY 92

FIRLD BLEV: 1869 FT STATION MSC: 723865 CALL SIGN: KLSV

SUPERSEDES: NOV 86

| • | | | | | | | . | | | | | | | | | : |
|-----|------------------------|--------|-------------|--------|---------|---------|-----------|-------------|--------|-------------|--------|--------|--------|--------|--|---|
| i | MONTH | JAN | PEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | ocr | NOV | DEC | ANN | YOR | Ĭ |
| i | EXTRM MAX TEMP (F) | 80 | 86 | 90 | 100 | 112 | 117 | 119 | 115 | 116 | 101 | 86 | 77 | l 119 | 44 | i |
| - 1 | MEAN MAX TEMP (F) | 57 | 63 | 69 | 78 | 88 | 98 | 104 | 102 | 95 | 82 | 67 | 58 | 80 | 44 | 1 |
| - 1 | MBAN TEMP (F) | 45 | 51 | 57 | 65 | 74 | 84 | 91 | 68 | 80 | 68 | 54 | 46 | 67 | 44 | Ł |
| - 1 | MEAN MIN TEMP (P) | 33 | 38 | 44 | 52 | 61 | 69 | 76 | 75 | 66 | 53 | 41 | 33 | 54 | 44 | |
| | EXTRM MIN TEMP (F) | 10 | 16 | 21 | 31 | 41 | 48 | 59 | 54 | 45 | 25 | 17 | 11 | 10 | 44 | |
| i | D/W TEMP GE 100 (F) | 1 0 | | l o | | 1 2 | 14 | 26 | 21 | 9 | | 0 | 0 | 72 | l 44 | i |
| J | | 1 - | 0 | " | 3 | 14 | 14 26 | 31 | 30 | 23 | 7 | 0 | ő | 134 | 44 | 1 |
| | D/W TEMP GE 90 (F) | 0 | 1 . | | | | | | | | | | | 90 | 44 | 1 |
| | D/W TEMP LT 40 (P) | 25 | 16 | • | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 13 | 26 | | 1 | İ |
| l | D/W TEMP LT 33 (F) | 15 | } 6 | 1 1 | | 0 | 0 | 0 | 0 | 0 | | 4 | 15 | 41 | 44 | |
| Ĭ | HEATING DEGREE DAYS | 586 | 387 | 256 | 77 | 13 | | 0 | 0 | | 43 | 302 | 575 | 2239 | 49 | ĺ |
| | COOLING DECREE DAYS | 0 | | 9 | 97 | 323 | 586 | 800 | 735 | 477 | 149 | 3 | 0 | 3179 | 49 | ı |
| : | | | | | | | | | | | | | | | | ; |
| - 1 | MEAN DEWPOINT TEMP (P) | 23 | 25 | 27 | 28 | 31 | 34 | 44 | 47 | 39 | 31 | 25 | 23 | 31 | 10 | l |
| - 1 | MEAN WET BULB TEMP (F) | 36 | 40 | 44 | 49 | 54 | 59 | 64 | 65 | 58 | 50 | 42 | 36 | 50 | 10 | ı |
| ı | 99.95% WCPA (FT) | 2300 | 2300 | 2400 | 2350 | 2350 | 2300 | 2200 | 2200 | 2250 | 2250 | 2350 | 2250 | 2300 | 1 10 | 1 |
| i | MEAN REL HUM 07 LST(%) | 54.2 | 50.0 | 44.2 | 33.4 | 26.5 | 22.0 | 28.6 | 36.4 | 34.0 | 37.6 | 43.2 | 54.4 | 38.7 | l 10 | i |
| ŀ | MEAN REL HUM 13 LST(%) | 30.9 | 28.0 | 23.8 | 19.3 | 16.0 | | _ | | 19.5 | 20.8 | 25.5 | 32.0 | 22.5 | 10 | |
| : | | | | | 1 05 | | 1 00 | | | | | | | | · • • • • • • • • • • • • • • • • • • • | : |
| - 1 | MAX 24ER PRECIP (IN) | .87 | l . | .97 | 1.25 | .65 | 1.02 | 2.50 | 1.77 | 1.16 | 1.00 | 1.17 | 1.15 | 2.50 | 1 | |
| - 1 | MAX PRECIP (IN) | 1.55 | } | 1.83 | 3.36 | .94 | 1.37 | 4.73 | 2.44 | 1.40 | 1.26 | 2.41 | 1.73 | 9.97 | • | l |
| - 1 | MRAN PRECIP (IN) | .45 | | .43 | .25 | .15 | .08 | .46 | .45 | .28 | .25 | .42 | .35 | 4.04 | í | 1 |
| - 1 | MIN PRECIP (IN) | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .59 | 44 | 1 |
| - 1 | D/W PRECIP GE .01 (IN) | 3 | 2 | 3 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 24 | 44 | L |
| ł | D/W PRECIP GT .50 (IN) | 1 | 1 1 | 1 | 1 | | # | 1 | 1 | 1 | | 1 | • | 8 | 44 | i |
| i i | MAX 24ER SNFL (IN) | 4.7 | 2.2 | | | 0 | 0 1 | 0 | 0 1 | 0 | | | 1.2 | 4.7 | 42 | i |
| - 1 | MAX SNFL (IN) | 8.4 | 2.2 | | | 0 | 0 | 0 | 0 | 0 | | | 1.2 | 8.4 | 42 | ı |
| ı | Mean Snpl (In) | .4 | .1 | | | 0 | ا ہ | 0 | 0 | 0 | # | | | .5 | 42 | ı |
| - 1 | D/W SMFL GE .1 (IN) | 1 1 | | ō | 0 | o | ō | 0 | ol | 0 | Ö | Ö | | 1 | 42 | L |
| - 1 | D/W SMPL GE 1.5 (IN) | [i | | 0 | 0 | o | ŏ | 0 | ō | o | 0 | O | 0 | | 42 | l |
| • | ••••• | | • • • • • • | | | | | • • • • • • | ••••• | • • • • • • | | | | | | : |
| ı | MAX DLY SNO DEPTH (IN) | 4 | 1 | • | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 42 | 1 |
| i i | PRVLNG WND DIR (DBC) | S02-04 | \$02-04 | S02-04 | \$17-19 | \$17-19 | S17-19 | S17-19 | S17-19 | S17-19 | S02-04 | S02-04 | S02-04 | s17-19 | 10 | i |
| | MEAN WND SPD (KTS) | 3 | 5 | 6 | 6 | 6 | 6 | 5 | Δ | A | 4 | ` ▲ | 3 | 5 | 10 | ı |
| - 1 | MAX WID SPD (KTS) | 54 | 57 | 55 | 53 | 58 | 59 | 61 | 63 | 58 | 47 | 48 | 49 | 63 | 36 | |
| • | | | | | | | | | | | | | | | | : |
| ı | SKY COVER GT 5/10 (%) | 36.8 | 43.4 | 40.7 | 38.4 | 30.8 | 20.7 | 24.4 | 24.6 | 23.9 | 25.9 | 35.7 | 38.8 | 31.9 | 10 | 1 |
| | D/W THURDERSTORMS | • | 1 | 1 | 1 | 1 | 1 | 4 | 4 | 2 | 1 | 1 | # | 17 | 44 | 1 |
| ı | D/W FOG (VSBY LT 7 HI) | 1 1 | 1 | 1 | 1 | • | 0 | | # | # | | 1 | 1 | 6 | 44 | Į |
| | | | | | | | | | | | | | | | | |

LEGEND: ANN - ANNUAL

D/W - MEAN NUMBER OF DAYS WITH

& - BASED ON LESS THAN FULL MONTHS

** - INSTANTANEOUS PEAK WINDS

* - DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA - WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ - PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN

WIND DIRECTION

| 1 | | ••••• | | PERCI | NT OCC | JRRENCE | FREQUE | NCY OF | CEILING | AND VI | BIBILIT | ľ | | | |
|------------|-----------------|-----------|-----|---------------|--------|----------|----------|--------|---------|--------|---------|------|-----|----------|----------|
| н | HIMO | JAN | PEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN | YOR |
| | | | | • • • • • • • | | | | | | | | | | : | |
| | 1.ST 00 - 02 | اما | .7 | | .0 | .0 | .0 | .1 | | ۰. | | .8 | 1.5 | .3 | 10 |
| | 00 - 02 | .9 1.1 | .4 | .6 | .2 | | .0 | :: | .0 | .0 | .0 | 1.2 | 1.1 | .4 | 10 |
| l cre | 06 - 08 | 1.2 | .4 | .0 e. | .6 | .1 | .0 | | .0 | .0 | .0 | 8. | 1.8 | .5 | 10 |
| LT 3000 FT | 09 - 11 | 1.2 | .9 | .9 | .2 | .0 | .0 | | .2 | | .0 | .3 | 1.1 | .4 | 10 |
| AND/OR | 12 - 14 | 1.2 | 1.4 | .6 | .0 | | .1 | .1 | .2 | | .2 | .4 | 1.5 | .5 | 10 |
| VSBY | 15 - 17 | 1.6 | 1.7 | 9. | .0 | .1 | .0 | .2 | | .0 | .4 | .8 | 1.3 | .6 | 10 |
| LT 3 MI | 18 - 20 | .6 | .7 | .4 | .1 | .0 | .0 | .2 | .0 | .1 | .5 | .2 | 1.0 | .3 | 10 |
| | 21 - 23 | .3 | 1.1 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .3 | .2 | 1.3 | .3 | 10 |
| | ALL | 1.0 | .9 | .6 | .1 | .0 | .0 | .1 | .1 | .0 | .2 | .6 | 1.3 | .4 | 10 |
| | | | | | | | | | | | | | | | |
| | 00 - 02 | .2 | .0 | .0 .0 | .0 | 0. 0. | .0 .0 | .0 | 0.0 | 0. | 0.0 | .3 | 9.9 | .1 | 10 10 |
| CIG | 06 - 08 | .3 | .0 | .3 | .2 | .0 | .0 | ان. ا | 1 .0 | | | .7 | 1.6 | .3 | 10 |
| LT 1500 FT | 09 - 11 | .3 | .4 | .6 | .0 | .0 | .0 | | 1 .1 | | | .2 | .4 | .2 | 10 |
| AND/OR | 12 - 14 | 1.0 | .6 | .3 | .0 | | .1 | .1 | 1 .1 | | .2 | :ī | .8 | .3 | 10 |
| VSBY | 15 - 17 | .5 | .1 | .6 | .0 | .1 | | .2 | 1 .0 | | .2 | 1 .1 | .1 | .2 | 10 |
| LT 3 MI | 18 - 20 | .3 | .2 | | .1 | .0 | .0 | .2 | .0 | .1 | | .0 | .1 | .1 | 10 |
| | 21 - 23 | .2 | .2 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .4 | .1 | 10 |
| 1 | ALL | .4 | .2 | .3 | .1 | .0 | .0 | .1 | .0 | .0 | .1 | .3 | .6 | .2 | 10 |
| | | | | | ••••• | | | | | | | | | | |
| ŀ | 00 - 02 | .2 | .0 | .0 .0 | .0 | .0 | .0 .0 | .0 | 0. | .0 | 0.0 | .3 | .3 | .1 | 10 10 |
| CIG | 06 - 08 | .2 | .0 | .1 | .2 | .0 | .0 | .0 | | | | .6 | 1.2 | .2 | 10 |
| LT 1000 FT | 09 - 11 | | .1 | | .0 | | | .0 | .1 | .ŏ | | .1 | .4 | 1 .1 | 10 |
| AND/OR | 12 - 14 | | .2 | | .0 | .0 | | 1 .1 | .1 | | .2 | .0 | .1 | .1 | 10 |
| VSBY | 15 - 17 | | | .5 | .0 | .1 | | .2 | .0 | ٠. ا | .0 | .0 | | .1 | 10 |
| LT 2 MI | 18 - 20 | | | .0 | .0 | .0 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 10 |
| | 21 - 23 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .2 | .0 | 10 |
| | ALL | .1 | .1 | .1 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .2 | .3 | .1 | 10 |
| 1 | l 00 - 02 | .0 | | l .o l | .0 | .0 | .0 | | 1 .0 | .0 | .0 | 1 .1 | .2 | I .o | l |
| | 03 - 05 | .0 | .1 | | .0 | .0 | -0 | | | .0 | | .2 | .2 | .ö | 10 |
| CIG | 06 - 08 | .0 | .0 | .1 | .0 | .0 | .0 | | .0 | 1 .0 | .0 | .1 | .4 | | 10 |
| LT 200 FT | 09 - 11 | .0 | .0 | | .0 | .0 | .0 | .0 | | .0 | .0 | | | | 10 |
| AND/OR | 12 - 14 | .0 | .1 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .1 | .0 | .0 | .0 | 10 |
| VSBY | 15 - 17 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | 10 |
| LT 1/2 MI | 18 - 20 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 10 |
| | 21 - 23 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 10 |
| 1 | ALL | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .1 | .1 | .0 | 10 |

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